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U. S. Department of Agriculture

New
**Giant Crested
ZINNIAS**

In Brilliant
Color Mixture

Pkt. 25c

Mammoth

Pkt. \$1.00

Postpaid

*The
NO. 41*

Garden Book
PORTER-WALTON CO.
SALT LAKE CITY • UTAH.



Above are typical Porter-Walton Packet Seed Displays in local stores throughout the West.

SUPPORT YOUR LOCAL DEALER, and Select Your

SEEDS from Porter-Walton's Display

At Your "Store Around the Corner"

**THEY'RE ACCLIMATED . . FRESH . . VIGOROUS . . SUPERIOR
DEPENDABLE . . PURE-BRED STRAINS**

INSIST on P.-W.'s Mountain Grown Seeds

And Make Your Garden Dreams Come True

ACCEPT NO SUBSTITUTE — If not at your Dealer's, SEND DIRECT

Choose P.-W. Strains and Grow a Vegetable Garden of Quality

ASPARAGUS—Sow the seed in the early Spring. When roots are one to two years old, transplant to permanent location. Asparagus is rich in vitamins and very healthful. Plant a small area this Spring—don't put it off. If you want quick returns, we can supply 2-year-old roots (see page 17.) Given care, a bed of 500 sq. ft. will amply provide for an average family for 8 to 10 years. One ounce of seed will produce about 750 plants.

Mary Washington—An early rust-resistant variety that has for the most part replaced other sorts. It is a heavy producer. The shoots are of rich dark green with tightly folded tips. Introduced by the U.S.D.A., and surely the best strain grown. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 10 lbs., \$9.00.

ARTICHOKE—The Jerusalem type requires the same culture as potatoes. **Jerusalem (Tuberous Rooted)**—For hog pasture. When once established it is hard to kill out. Lb., 20c; 10 lbs., \$1.50; postpaid. Not prepaid, lb., 15c; 10 lbs., \$1.20; 100 lbs., \$8.50.

BRUSSELS SPROUTS—Improved Long Island—The flavor of these small sprouts or heads is more delicate than that of cabbage. The culture is the same as that for cabbage. Plants about 20 in. tall and stems are well covered with firm, round, cabbage-like balls about 1½ in. in diameter, which mature in succession. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

BROCCOLI—Italian Green Sprouting—Cultivated like cabbage, it bears a succession of sprouting heads which, if cut, will be replaced by others for 8 or 10 weeks. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color. Broccoli is a delicious green vegetable. Pkt., 10c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

COLLARDS—Georgia Southern or Creole—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

BEETS One ounce of seed will sow 60 feet of row; a packet, 15 feet. Ten pounds will sow an acre in rows 14 inches apart.

Detroit Dark Red—Perfected Strain—53 days. A refined strain of Detroit Dark Red of recent development. All of the fine qualities of this variety have been strengthened by careful breeding. Produces slightly larger, more spherical, and distinctly stronger tops than the original Detroit, and is much finer quality for canning. Interior very uniform in color; the flesh resembles a ball of deep blood-red meat. Market Gardeners will find this the finest type grown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; 10 lbs., \$7.50.

P.-W.'s Good for All—55 days. An excellent new variety developed from Detroit Dark Red. Especially fine for canning and picking whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape and almost perfectly globular; collar and tap-roots very small; interior deep crimson, free from white zones.

P.-W.'s Early Wonder—50 days. The earliest of the table varieties. It is globe shaped and very uniform in size, skin smooth, flesh a deep blood-red.

Early Crosby Egyptian (Dark Red Strain)—50-55 days. An extra early variety; splendid for home gardens or market. Tops medium in size; roots flattened, globe-shape with small tap root. Color is very dark red; flesh crisp and tender.

Early Blood Turnip—A medium early variety for home gardens or truckers. Much like Crosby Egyptian. A good variety.

Early Flat Egyptian—Several days earlier than other early varieties. Used by truckers for forcing to reach the earliest market. Tops small and erect; roots flattish, medium dark red. Desirable early for home and market.

Beet prices, except noted, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 10 lbs., \$7.00.

SWISS CHARD—Only the tops of this beet are used. It replaces Spinach during the hot weather. Culture same as for beet except Chard should be thinned to 8-10 in. apart. Gather the outer leaves and allow center leaves to continue growth for continued pickings.

Fordhook Giant—The rich, dark green leaves are very crinkled, thick, and superior in flavor. The wide pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the best variety.

Lucullus—A very popular light green variety esteemed for its mild, spinach-like flavor.

Chard prices—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 10 lbs., \$8.50.

MANGELS AND SUGAR BEETS—6 to 8 pounds of seed will plant an acre.

Imp. Mammoth Long Red and Giant Half-Sugar—Limited stock.

P.-W.'s Giant Sludstrup—Sold out.

Prices—¼ lb., 25c; lb., 75c; 10 lbs., \$6.50.

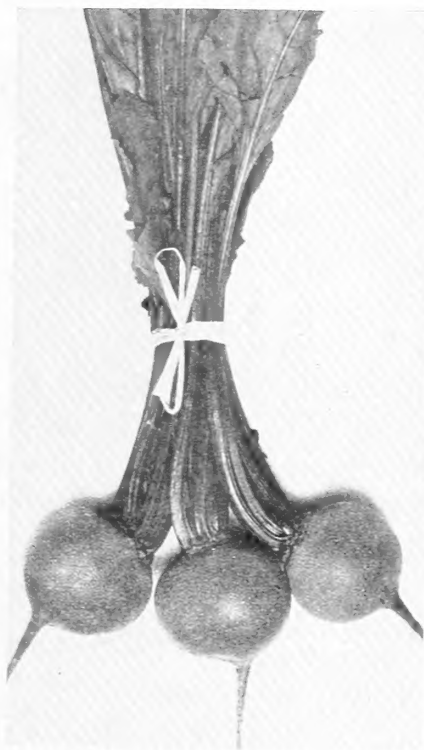
Sugar Beets, Klein Wanzleben—¼ lb., 20c; lb., 50c; 10 lbs., \$4.00.

Visit the "All America" Vegetable Trials

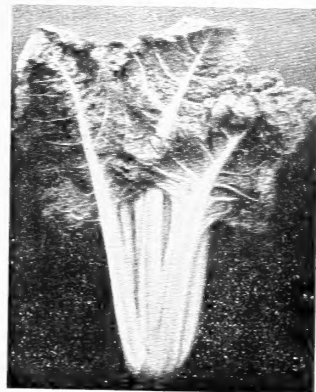
At Our Centerville Display Gardens

The Official Tests for the Mountain States area of all new varieties of Vegetable Seed entered for "All America Awards" will be made at our Centerville Trial Grounds. Many other tests will be available for your inspection, making your visit interesting and informational.

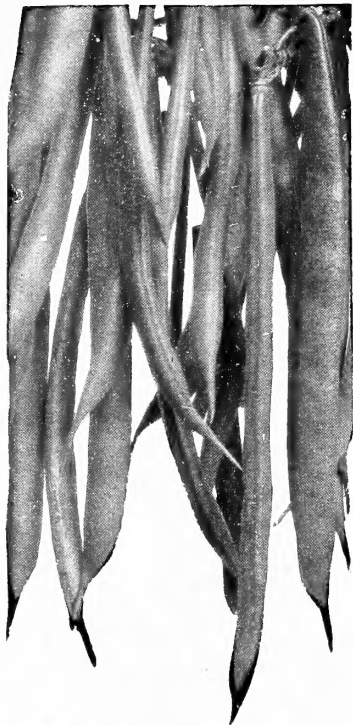
Visitors Always Welcome



Detroit Dark Red Beet
(Perfected Strain)



Swiss Chard (Spinach Beet)



P.-W.'s New Stringless Green Pod

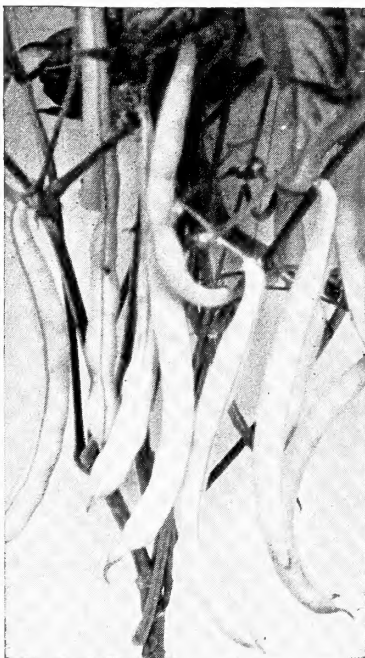
FIELD BEANS—Continued

Great Northern—60 days. Similar to White Navy, more elongated and larger.

Mexican Pinto—65 days. Popular dry land variety.

Mexican Red—65 days. Valuable for making "Chili."

Prices on above—Lb., 15c; 2 lbs., 25c; postpaid. Not prepaid, 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.



P.-W.'s Imp. Pencil Pod

BEANS

A "packet" of bush beans will plant 20 feet of row; a pound 150 feet.

Sow 60 to 75 lbs. per acre.

Plant beans after all danger of frost is past in warm, dry, well-prepared soil. Give shallow cultivation until blossoming begins, then stop to avoid root injury. For continuous supply of tender beans, sow every two weeks up to early August.

GREEN PODDED VARIETIES

P.-W.'s New Stringless Green Pod (Tendergreen)—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fiber. They are nearly straight, dark green, and round. Plants are hardy, disease resistant, and dependable croppers.

P.-W.'s Improved Black Valentine—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance. One of the best market beans and a profitable one to grow.

Full Measure—An outstanding variety for market growers; produces heavy yields when growing conditions are right, though not so disease resistant as other green pod sorts.

Burpee's Stringless Green Pod (Improved)—We offer a greatly improved Burpee's Stringless. Pods are longer, round, flesh more tender, less fibrous, and heavier yielding. A favorite for home use.

Stringless Refugee—70 days. Splendid canning variety. The young pods are especially fine for canning and pickling whole. Very productive. Pods are fine-grained, stringless, very fleshy, and brittle.

Broad Windsor (Horse Bean or Fava)—They are very productive and hardy; known to stand 28 degrees temperature. Europeans cook them while green, but the dried beans are very much in favor. They have high nutritive value. Pods are 1¼ in. broad, 5-7 in. long, and smooth.

Price, any of above varieties—Pkt., 10c; lb., 35c; 2 lbs., 60c; postpaid. Not prepaid, 10 lbs., \$1.50; 25 lbs., \$3.25; 100 lbs., \$12.00.

YELLOW PODDED VARIETIES

P.-W.'s Improved Pencil Pod—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected for vigor, high yield and true type.

Brittle Wax or Round Pod Kidney—52 days. Pods 6 in. long, waxy yellow color, round, slightly curved, and quite smooth. No string or fiber. Exceptional home garden, market, and canning qualities make Brittle Wax one of the most demanded Wax Beans.

Rustproof Golden Wax (Top Notch Strain)—50 days. Almost entirely resistant to bean rust. The straight, yellow pods are broad, flat, 5 in. long, stringless, and brittle. Heavy bearer. Fine home type or for early market.

Price, any of above—Pkt., 10c; lb., 35c; 2 lbs., 60c; postpaid. Not prepaid, 10 lbs., \$1.60; 25 lbs., \$3.50; 100 lbs., \$13.00.

POLE and RUNNING BEANS—These require a pole or trellis if planted in the garden. In the open field they need no support whatever.

Blue Lakes—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green beans. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ in. thick. Very fleshy, brittle, and tender.

Kentucky Wonder or Homestead—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes.

Lazy Wife—72 days. Pods grown in abundance, about 6 inches in length, broad, thick and fleshy.

Price—Any of above varieties, Pkt., 10c; ½ lb., 15c; lb., 35c; 2 lbs., 60c; postpaid. Not prepaid, 10 lbs., \$1.60; 25 lbs., \$3.75; 100 lbs., \$13.00.

LIMA BEANS—Dwarf or Bush

Fordhook—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long, 1¼ in. wide, and as much as ½ in. thick; contain 3 to 4 seeds.

Burpee's Improved—75 days. It is in large demand where a somewhat flatter seed than Fordhook is desired. Contains 4 to 5 seeds per pod. Plants are large and vigorous; planted 3 feet apart, they often meet.

Henderson Bush (Baby Lima)—65 days. An early productive sort. Pods about 2¾ in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans.

Pole Lima (Fordhook)—It has all the good characteristics of Fordhook Bush Lima—thick seed, straight, smooth pod, rich tenderness, and large pods. Bears three to four times as many per plant as the bush type.

Prices on all the above—Pkt., 10c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid, 10 lbs., \$1.80; 25 lbs., \$4.75; 100 lbs., \$18.00.

FIELD BEANS—A pound will plant from 100 to 150 feet of row, depending upon the size of the beans. Plant 60 to 75 lbs. to the acre.

Pink Eye—65 days. Large white with pink spot at center. Lb., 20c; 2 lbs., 35c; postpaid. Not prepaid, 10 lbs., \$1.50; 25 lbs., \$3.25; 100 lbs., \$12.00.

CARROTS—One ounce of seed will sow 300 feet of row, a packet, 60 feet, 2 to 4 pounds will sow an acre.

Imperator—77 days. An outstanding bunching carrot. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. We offer the pure strains. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$2.60; 10 lbs., \$25.00.

Chantenay Red Cored—70 days. An improvement over the old style Chantenay, for market and canning. The flesh and core are reddish-orange, fine-grained, and tender. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 10 lbs., \$16.50.

Greater Chantenay or Long Type—70 days. It grows about an inch longer and is not quite so pronounced at the shoulders as the other Chantenay types. Our stocks are a highly refined Red Cored strain developed for a market gardener's bunching carrot. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 10 lbs., \$16.50.

Danvers Half Long—75 days. A heavy cropper for home and market garden. Roots, 6-8 in. long, about 1¾ in. in diameter, tapering to a blunt end. Flesh, bright orange, crisp, and tender. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 10 lbs., \$14.00.

Oxheart (Guerande)—75 days. Thick and blunt-rooted, about 5 inches long; a rapid grower. Color, orange-red. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.40; 10 lbs., \$13.00.

Nantes (Coreless)—68 days. Used extensively for bunching and busheling. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and of exceptionally fine quality. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$2.60; 10 lbs., \$25.00.

Supreme Half-Long—"A Red-Cored Danvers." A really fine carrot for both bunching and busheling. The tops are not too large, the roots are a good size and very attractive, deep orange in color, and quite smooth. Its small core is the same deep orange as outer flesh. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 10 lbs., \$16.50.

CARROTS FOR STOCK FEEDING—Wise farmers and stockmen will devote a liberal acreage to this crop, as Mangels seed stocks are limited. 4-5 lbs. per acre.

Improved Long Orange—Roots along thickest near the crown, tapering regularly to a point; color deep orange. Limited stock available this year.

Mastodon—Very productive, large white.

Improved Short White—Most productive for stock feeding.

Any of above—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 10 lbs., \$8.50, postpaid. Not prepaid, lb., 80c; 10 lbs., \$7.50.

CAULIFLOWER—Stocks in the United States are short this year and although we feel fortunate in having good stocks of most of our strains, we expect to be sold out rather early in the spring. Order early.

P.-W.'s Perfection (Super Snowball)—65 days. "No better seed can be bought at any price." It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely, thus avoiding the necessity of early tying of the leaves. Pkt., 10c; ¼ oz., \$1.20; oz., \$4.00; ¼ lb., \$14.00; lb., \$50.00.

Danish Giant (Dry Weather)—About ten days later than "Snowball." Has slightly larger heads and is adapted to withstand dry weather conditions. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.25; ¼ lb., \$11.50; lb., \$40.00.

New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce

a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., 10c; ¼ oz., \$1.20; oz., \$4.00; ¼ lb., \$14.00; lb., \$50.00.

Early Snowball—55 days. The well-known standby. It is just as good as ever. Suitable for either early or late planting. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.25; ¼ lb., \$11.50; lb., \$40.00.

Cauliflower Plants—See page 18.

CHIVES—An onion-like plant used as a salad and for flavoring soups. One sowing will answer for about three years. Pkt., 10c; ¼ oz., 25c; oz., 75c; ¼ lb., \$2.00. Plants—See page 18.

CHICORY—**Large Rooted or Coffee**—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in spring in rows about 2 ft. apart. Roots grow 12-14 in. long and 2 in. thick at top, tapered. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.



'TWIST-EMS'

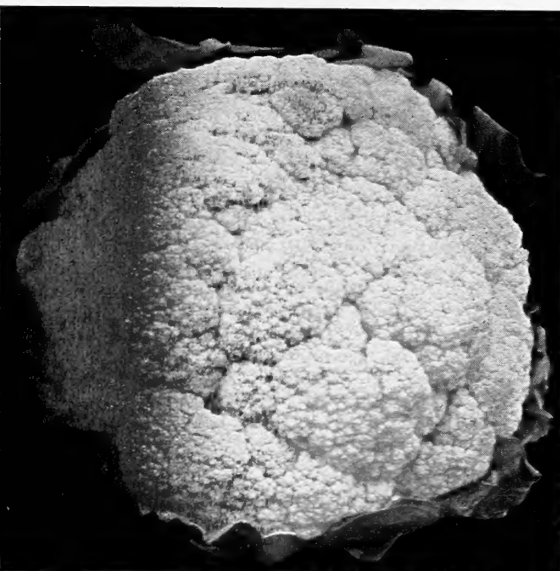
Will cut bunching costs on all Vegetables. See page 36.



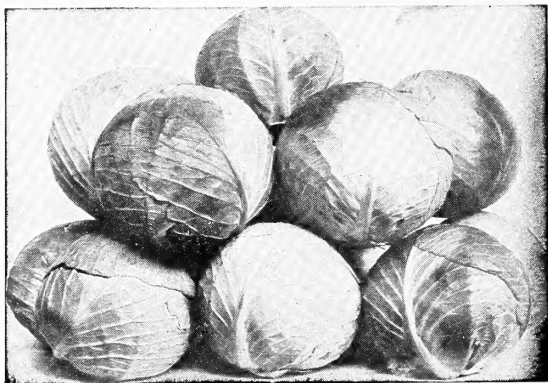
P.-W.'s New Imperator



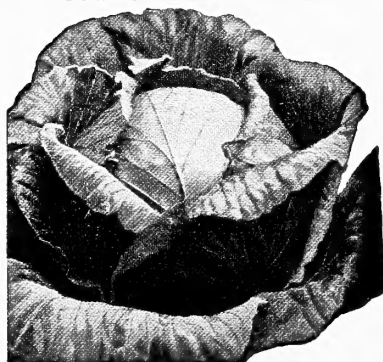
P.-W.'s Red Cored Chantenay



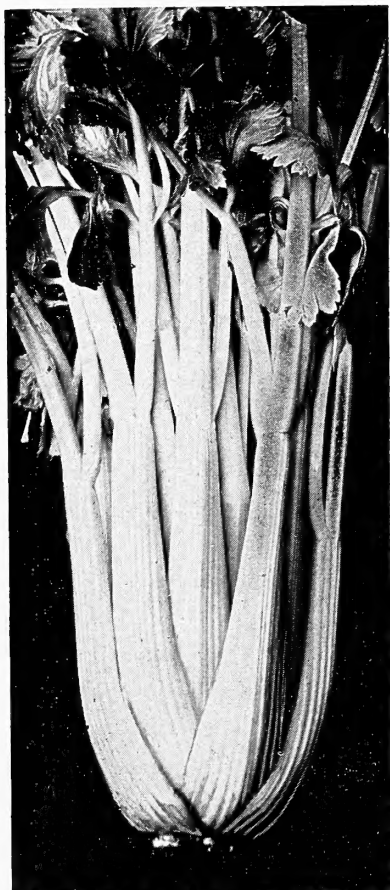
P.-W.'s Perfection (Super Snowball)



P.-W.'s Danish Ball Head



Copenhagen Market



P.-W.'s Improved Utah Celery

CABBAGE—One ounce of seed will produce 1,500 to 2,000 plants sown in open ground, or 3,000 if sown in frames; a packet about 250 plants. 4 to 6 ounces of seed will produce plants for an acre.

P.-W.'s Danish Ball Head (Short Stem Amager Strain)

—We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. The heads are nearly round, extremely solid, and remarkably heavy. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$3.50; 10 lbs., \$33.50.

Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. Short stemmed, heads uniformly large, round, solid and excellent quality. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Vigorous grower, good yielder and an excellent keeper. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$3.50.

P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market, but smaller. Plants are small, short stemmed, and compact. This is one of the most profitable for market growers. Ours is a true strain from the most reputable Danish grower. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

P.-W.'s Early Jersey Wakefield—65 days. The entire crop can be marketed very early, grows compact with nearly oval, deep green leaves. Short stem, medium size, very solid, pointed heads of excellent quality. The best extra early pointed headed cabbage. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$3.50.

Glory of Enkhuizen—80 days. Widely used for kraut and for shipping. Matures between Copenhagen Market and Ball Head. Heads are attractive, round, solid, and medium in size. Diameter, 7-8 inches; weight, 5-8 lbs. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.50.

Danish Round Head—105 days. Very similar to our Danish Ball Head in all of its characteristics. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$3.50.

Premium Flat Dutch—105 days. Heads extremely large, flat but deep, and solid. An excellent late type. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Winnigstadt—77 days. Sure to head, conical shape, very hard; a good keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Perfection Drumhead—90 days. This is the leader of the Savoy types for general use. It is an excellent keeper. Heads are nearly round, about seven inches in diameter. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

Red Stonehead—110 days. The largest and best red cabbage. Heads are round, extremely hard, color a deep purplish-red, and an excellent keeper. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

For Cabbage Plants, see page 18.

CHINESE CABBAGE—A cheap green feed for poultry, known to yield three tons in a space 40x60 feet. A half pound Chinese Cabbage seed will furnish enough greens to feed about 1,000 hens for 4 months. It is also highly prized as a salad vegetable. When shredded, makes a delicious cold slaw.

Pe-Tsai—60 days. Produces 5 to 7-pound heads 15-18 in. long. The heart is pure white, tender, sweet and crisp. Keeps until early spring if placed in the cellar. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

Wong Bok—Head 8-10 in. tall; broad, firm, excellent quality, crisp and delicious, tender and juicy. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

CELERY—One ounce 1500 plants; half-pound to transplant an acre. Celery contains Vitamins A, B, C, D, and necessary mineral salt.

P.-W.'s Improved Utah—The far-famed Utah Celery so much in demand. 125 days. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a creamy-white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., 20c; ¼ oz., 30c; oz., 85c; ¼ lb., \$3.00; lb., \$10.00; postpaid.

Golden Self-Blanching—Of quick growth, easy and self-blanching character, combined with handsome appearance and crisp, sweet flavor. It is a good early Celery for home gardens and local market. Pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$4.00; postpaid.

P.-W.'s Wonderful or Golden Plume—110 days. Rightly named "Wonderful." Distinct type, ten to twelve days earlier than Golden Self-Blanching and very much superior. Plants are very large in size, short, stout, stocky, and full of heart. Blanches easily. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00; postpaid.

Giant Pascal—Large, thick, solid, round stalks. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$3.00; postpaid.

Celery Plants—See page 18.

CELERIAC—**Giant Smooth Prague**—120 days. A very large and smooth variety. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25; postpaid.

SWEET CORN

One pound will plant about 400 hills; a packet 40 hills; 12 lbs. will plant an acre.

HYBRID (CROSSED) SWEET CORN—The advantages of Hybrid Sweet Corn are: Uniformity in maturity dates. Disease resistant and higher yielding. Trueness of type and excellence of flavor. Greater drouth resistance because of their deeper and more abundant root systems. We offer here, four proven varieties in this area.

Caution: Seed from the 1940 planting of Hybrid Sweet Corn should not be saved as they will break down. In hybrid corn the crosses must be made each year.

Golden Cross Bantam—93-95 days. The most prolific of the yellow sweet corns; produces at least 40% more good marketable ears than ordinary stocks. The ears are considerably larger than Golden Bantam, containing 10 to 14 rows of kernels, slightly lighter in color. The plant is sturdy, with broad, dark green leaves.

Improved Bancross—80 days. This is a top cross between Improved Golden Bantam and inbred of the Golden Early Market, giving this variety increased earliness of the Early Market and still retaining the good points of the Improved Bantam. Produces stalks to the height of 62 inches, and bears good roasting ears 80 days from planting.

Ioana—Large Eared—Midseason—Wilt Resistant Hybrid—86 days. The ears are large, slightly tapering, mostly 8 to 9 inches long with 12 to 14 rows (a few 16) of creamy yellow, medium deep kernels, which fill the ear well at the tip. These large attractive ears are of fine quality, being sweet and tender. The plant is tall and strong and is resistant to Stewart's Disease (wilt). Developed by Dr. E. S. Haber, of Iowa State College, this outstanding new hybrid has been welcomed by sweet corn growers as an exceptionally fine large-eared variety for main crop. In some sections where large crops of sweet corn are grown for market, some growers prefer it even to Golden Cross Bantam. Be sure to grow some this year.

Marcross C6.13—The best early hybrid to date. The 5-foot stalks produce 8-inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days, or almost as early as Golden Early Market. As both parents are highly disease-resistant, Marcross C6.13 is doubly protected against disease. Well over 85 per cent of the attractive ears are usually marketable.

Price of any of above Hybrid varieties—Pkt., 15c; lb., 40c; 2 lbs., 70c; postpaid.

OPEN-POLLINATED SWEET CORNS—The figures immediately following the name of the variety is about the number of days from planting until eating stage.

Black Mexican—97 days. Very tender and sweet; good producer.

Country Gentleman—97 days. Grand old "standby" for main crop or for canning.

Early Mayflower—75 days. Ears are pure white, sugary and larger than most other extra early varieties.

Early Minnesota—84 days. Ears about 8 in. long; early; kernels broad, sweet and tender.

Golden Sunshine—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn. Plants, 5-5½ ft. tall with one to two ears per stalk. Extremely early.

Golden Early Market—63 days. An important market garden variety. Ears, 6-7 in.; 12-14 rows of close-fitting kernels. Plants grow 4½-5 ft. tall. Good flavor and heavily productive.

Golden Bantam, Standard—72 days. America's most popular sweet corn. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor. Ears, 7-8 inches long; stalk averages 5 ft.

Golden Bantam, Improved—67 days. About a week earlier than the standard and equal in quality. Ears 6-7 in. in length.

Golden Rod (Bantam Evergreen)—89 days. Cross between Stowell's Evergreen and Golden Bantam. Plants, 6-7 ft. high; ears 8-10 in. in length, filled with 12 rows of deep, succulent kernels, creamy-yellow.

Stowell's Evergreen—98 days. The standard main crop variety. The ears about seven to eight inches long, fourteen to twenty rowed, with very white grain.

Price of any of above varieties—Pkt., 10c; lb., 30c; 2 lbs., 50c; postpaid.

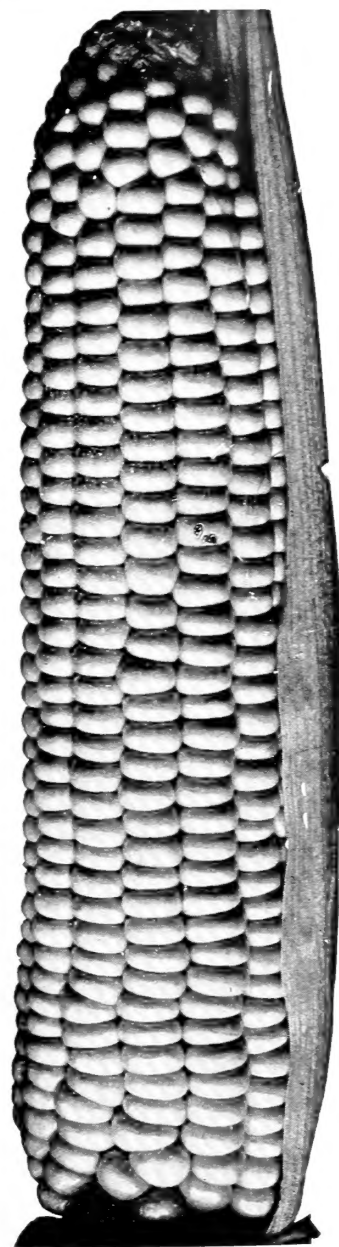
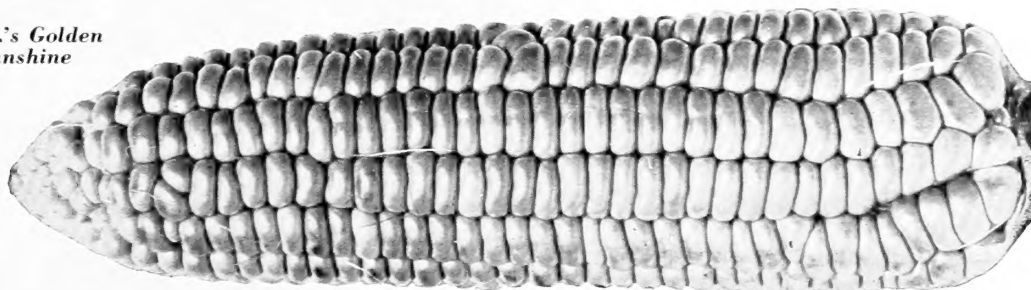
POP CORN—See page 69.

QUANTITY PRICES

Transportation Not Prepaid

	5-24 lbs. per lb.	25-99 lbs. per lb.	100 lbs. per lb.		5-24 lbs. per lb.	25-99 lbs. per lb.	100 lbs. per lb.
Golden Cross Bantam.....	.25	.24	.23	Golden Bantam, Imp.....	.15	.12	.11
Improved Bancross.....	.25	.24	.23	Golden Bantam, Std.....	.15	.12	.11
Marcross C6.13.....	.27	.26	.25	Golden Early Market.....	.15	.12	.11
Ioana.....	.32	.31	.30	Golden Rod or			
Black Mexican.....	.15	.12½	.11½	(Bantam Evergreen).....	.15	.12½	.11½
Country Gentleman.....	.15	.13	.12½	Golden Sunshine.....	.15	.12	.11
Early Mayflower.....	.15	.12	.11	Stowell's Evergreen.....	.15	.12	.11
Early Minnesota.....	.15	.12	.11				

P.W.'s Golden
Sunshine



Oregon Evergreen

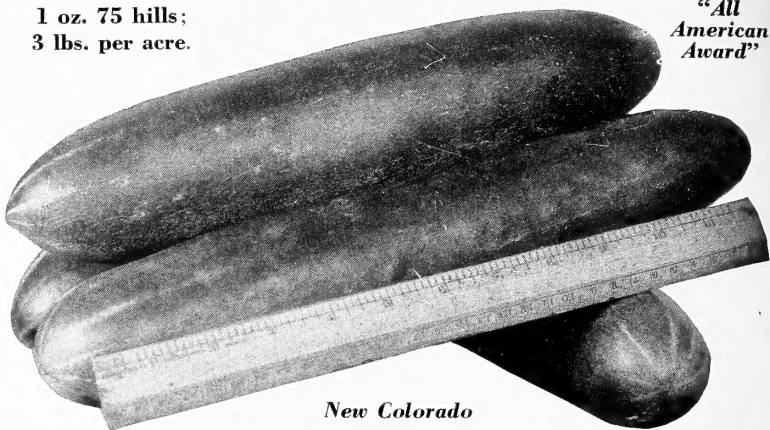
Pickles & Salads Use CUCUMBERS

A & C—Long, slender, dark green. This new cucumber has rapidly become very popular where a long dark green white spined kind is wanted. The cucumbers are 8 to 9 inches long, well proportioned, smooth and dark green in color. They make a very fancy pack. The vines are strong and healthy producing large crops of the finest fruit. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 10 lbs., \$13.00.

Straight Eight—A very prolific long white spine. Has become very popular among growers because of the large yield of fine straight cucumbers. When ready for market the cucumbers are 8 to 9 inches long, straight, smooth and somewhat blunt ended. The color is medium dark green with green rays at the blossom end. We can recommend Straight Eight for a money making crop. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 10 lbs., \$13.00.

The Colorado—60 days. The finest slicing cucumber. Beautiful long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25; 10 lbs., \$11.50.

1 oz. 75 hills;
3 lbs. per acre.



New Colorado

Klondike White Spine—58 days. Dandy long-distance shipper and very popular for pickling purposes. The deep green color holds well. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c; 10 lbs., \$8.00.

Use Hotcaps
on Cucumbers
for
Early Market.
See p. 37

Improved Long Green—62 days. Very vigorous and productive. Fruits long, uniformly slender, beautiful dark green. The stock we offer is second to none. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.00.

Lemon—Used for pickles and salads. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.50.

West Indian Gherkin—50 days. It is quite distinct from Cucumber; is used for very small pickles. Fruits are about 2 in. long, 1 inch in diameter. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.25; 10 lbs., \$11.50.

P.-W.'s Longfellow Cucumber—74 days. Fruits average 12-14 in. in length by 2½ in. in diameter; dark green. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; 10 lbs., \$12.50.

CRESS—Half-ounce 100 feet of row. Splendid for salad, garnishing. Sow seed one foot apart in open ground. Sow often for succession, as it soon runs to seed.

Extra Curled or Pepper Grass—The leaves of this small salad are much frilled or curled, and are used for garnishing. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; postpaid.

True Water—The seed is usually sown and lightly covered in gravelly, mucky lands along the borders of small, rapid streams. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80; postpaid.



P.-W.'s Klondike White Spine

OTHER GOOD CUCUMBERS

Black Diamond—"It stays green." 52 days. Fruits weigh 1¼ to 1½ lbs., symmetrical, nearly square ended. Length 8-9 inches.

David Perfect—58 days. Medium early, extra long dark green type.

Early Fortune—58 days. Very productive and disease-resistant; fruits nine inches long.

Any of above varieties—Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c; 10 lbs., \$8.00.

Boston Pickling—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c; 10 lbs., \$8.00.

EGG PLANT One ounce to 1000 plants.

Black Beauty—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive. \$1.25; lb., \$4.00; postpaid.

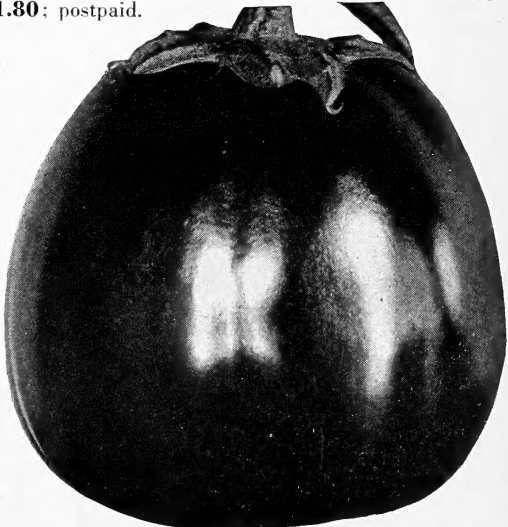
PLANTS—See page 18.

ENDIVE—A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches. One ounce 300 feet, 4 to 5 pounds per acre.

Broad Leaved Batavian—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salads. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.00.

Green Curled—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 10 lbs., \$9.00.

Visit the "All America" Vegetable Seed Trials at Our Centerville Display Gardens.



Black Beauty Egg Plant

HERBS—Pot, Culinary and Medical

	Pkt.	Oz.		Pkt.	Oz.
Anise, aromatic	10c	25c	Rosemary, aromatic		
Caraway, flavoring	10c	25c	oil	10c	60c
Catnip, medicinal	10c	60c	Sage, Common		
Coriander, aromatic	10c	25c	culinary	10c	50c
Dill, flavoring vinegar	10c	50c	Savory, Summer		
Horehound, medicinal	10c	50c	culinary	10c	50c
Lavender, perfume	10c	75c	Thyme, Broad-leaved		
Marjoram, seasoning	10c	50c	English seasoning	10c	1.00

GARDEN SAGE PLANTS—Field grown, 25c each; \$2.50 per doz.

Horse Radish—See page 18.

KALE—A species of cabbage. The leaves are cooked as greens; not injured by frosts. Sow in Sept. in same manner as spinach. One pkt. for 100 ft., 2 lbs. per acre.

Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimped. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Tall Green Early Scotch—Very hardy, not injured by March frost. About 30 inches tall. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

KOHL RABI—Sows in rows 18 inches apart, cover ½ inch, and thin to 6 inches apart in the row. One ounce of seed sows 300 feet of row.

Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.

Early Purple Vienna—Bright purple bulb, leaves and stems green, tinged purple.

Either of above—Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50.

LEEK—Seed should be planted in June for good plants in the Fall or Winter.

Giant Musselburgh—Best variety, having good thick stems which are also long, vigorous and mild flavored. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

LETTUCE

An ounce of seed will sow 250 ft. of row; about 2 lbs. per acre.

Imperial 44—Surest Heading "Iceberg" Lettuce—This new lettuce has proved to be the outstanding "Iceberg" lettuce to grow, especially on muck. It is the variety which does best on a wide range of soils, both upland and muck. Not only does it head better than any other strains, but has shown definite resistance to tip burn. If you haven't done so, by all means try Imperial 44 this year. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.20; 10 lbs., \$20.00.

Lettuce Imperial 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. In a very few years it has become the leading sort with commercial shippers on the Coast and a few fields in Salt Lake Valley last Summer proved really outstanding. Plants, medium sized, low growing, and compact. Large, firm heads, dark green, and of fine quality. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25; 10 lbs., \$20.00.

New York No. 515—Improved "Iceberg" Type—Earlier than New York No. 12 and preferred by most growers. Recommended for upland growing only. Heads are large and solid. This is the sure heading strain which has pleased our customers for a number of years. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 10 lbs., \$12.50.

P.-W.'s N. Y. Lettuce No. 12—77 days. A single plant selection from the regular New York or Los Angeles Market strain. It is early, makes large, solid heads, uniform in maturing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.35; 10 lbs., \$12.50.

White Boston—76 days. The leaves are of fine texture, heads solid and compact. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Hanson—80 days. It is wholly free from bitter taste, having a sweet and rich flavor.

May King—63 days. Fine for forcing and outside, medium size yellowish-green heads, very early.

Prices on any of above—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.15.

CURLED OR LOOSE LEAVED—4 lbs. per acre.

Black Seeded Simpson—45 days. This is one of the best; leaves large, thin, and exceedingly tender.

Early Curled Simpson—45 days. A popular early sort, forming a large, loose head.

Prizehead—47 days. Large, loose headed sort; leaves tinged with brown, very heavy.

Prices on any of above—Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

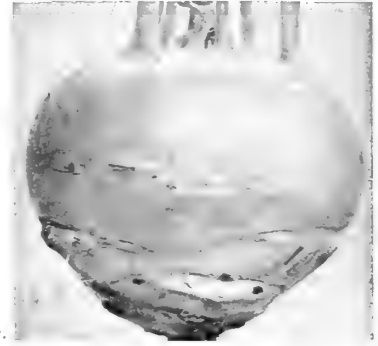
COS OR ROMAINE LETTUCE

Trianon—66 days. The best of this type. Forms large, light green plant with head well folded, quite solid. The flavor is different from ordinary and esteemed by many. Tie plants to blanch them or plant closely, 5 inches apart. Pkt., 10c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

Visit the "All America" Vegetable Seed Trials at Our Display and Trial Gardens and Nurseries, Center-ville, Utah.



Dwarf Curled Scotch Kale



Kohl Rabi Early White Vienna

MUSHROOMS — Mushrooms may be grown by anyone having a shed or cellar where a temperature of 50 to 60 degrees is evenly maintained. Full cultural directions with every order.

Pure Culture Spawn—One brick, 35c; 5 bricks, \$1.50; 10 bricks, \$2.50 postpaid.

Bottle Spawn, \$1.00 each.

MUSTARD—One ounce to 50 ft. row. Excellent greens cooked the same as spinach. Sow in drills early in the Spring, and at intervals during the Summer.

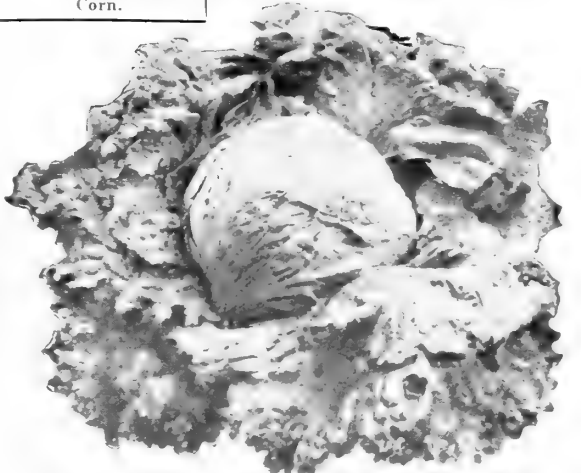
Giant Southern Curled—Curled leaf, large.

Ford Hook Fancy — Beautiful dark green leaves.

White English—Leaves small and smooth.

Any of above—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; ppd.

All Vegetable Seeds are prepaid at prices listed except Peas, Beans and Corn.



P.-W.'s N. Y. Lettuce

MUSKMELONS — Delicious Cantaloupes



Hales Best No. 36

CASABA MELONS—Cultivate same as other melons but do not water too freely after first setting of fruit is fully grown.

Honey Dew (Green Flesh)—110 days. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.

Golden Beauty—105 days. Most popular of the Casabas. It has a golden color when mature, with a wrinkled skin. Flesh is white, sweet, and spicy. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.

Improved Hybrid—105 days. A large sized Casaba, quite similar to Golden Beauty. An excellent kind. Pkt., 5c; oz., 15c; ¼ lb., 40c;

WATERMELON

—A packet of seed will plant about 8 hills; an ounce 25 to 30 hills; 2 to 3 pounds will plant an acre.

Improved Kleckley Sweet No. 6 (Wilt Resistant)—88 days. An improved type which has proven almost fully resistant to wilt. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 95c; 10 lbs., \$8.50.

Improved Kleckley's Sweet—88 days. A wonderful home garden melon. We know of none better in fine texture and sweet flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; 10 lbs., \$7.50.

Stone Mountain—85 days. Combines large size with earliness. Weight 50 lbs. or over, broad oval in shape, with crimson flesh. Fine for home or market. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 95c; 10 lbs., \$8.50.

King and Queen (Winter)—85 days. An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 10 lbs., \$7.50.

New Striped Klondike—90 days. This attractive and universally popular shipping melon carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight, 27 lbs. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.

Klondike—90 days. The color is a solid dark green, showing light ribs running lengthwise. Truly delicious. Size, shape about the same as Striped. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.

Early Kansas—85 days. Fine for local markets or home gardens. Fine texture, sweet flavor; flesh rich red, shape nearly round; dark green with lighter stripes. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 10 lbs., \$7.50.

Dixie Queen—85 days. An enormous yielder. Melons are round to oval, skin striped light and dark green; fruits are large; flesh, dark pink of splendid quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.

OTHER GOOD VARIETIES OF WATERMELON

Angelino—90 days. Fine quality, black-seeded, most popular.

Chillian (Cannon Ball)—85 days. Black-seeded. Qualities are excellent.

Citron (Red Seeded)—Used for preserves and candied fruits.

Price, any of above—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 10 lbs., \$7.50.

Oz. 50 hills; 2-3 lbs. per acre

Burrell's Gem or Defender—95 days. An oval pink-fleshed melon with a small triangular seed center. The flesh is sweet and spicy.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 90c; 10 lbs., \$8.50.

Hales Best No. 36—85 days. Desirable for any purpose—home garden, roadside stands, and shipping. Flesh very thick, richly flavored. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 90c; 10 lbs., \$8.50.

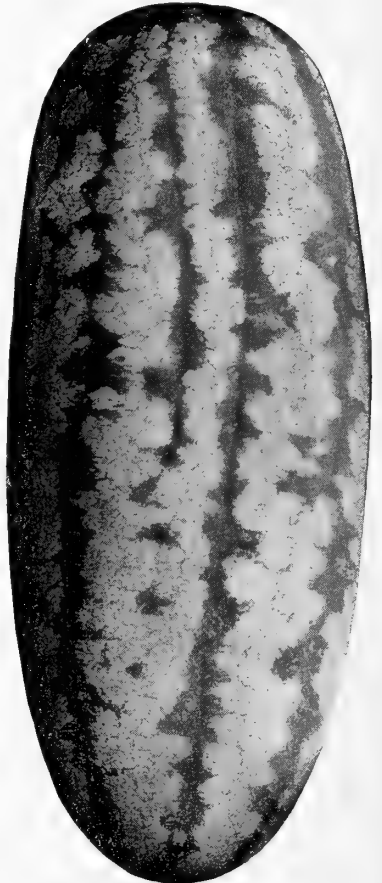
Hales Best No. 936—87 days. This is the Jumbo type of the No. 36 strain. It is in great demand and serves well those who desire a large melon of this type. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 90c; 10 lbs., \$8.50.

Hearts of Gold Improved—88 days. A fine shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange yellow, excellent flavor, firm, and holds up well. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 10 lbs., \$9.00.

New Seed Breeders—84 days. A new development in a Hales Best shipping type. It is claimed that this stock will greatly out-yield other Hales Best strains because of fewer cull melons. Like No. 36 except the flesh is a darker pink. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 10 lbs., \$9.00.

Perfecto Imp. or Superfecto—92 days. One of the best cantaloupes for late shipping market. The flesh is fine grained, thick, and orange in color. It has about the smallest seed cavity of any melon. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 90c; 10 lbs., \$8.50.

Rocky Ford (Green Flesh)—95 days. Popular everywhere. Spicy flavor difficult to improve. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 90c; 10 lbs., \$8.50.



New Striped Klondike

Excel—95 days. A good late shipper. Similar in shape and size to Kleckleys.

Tom Watson—92 days. An old favorite for shipping.

ONIONS Wholesome, Health Producing Food

One ounce 100 feet; 4-6 pounds per acre.

P.-W.'s Sweet Spanish (Utah Strain)—Hundreds of carloads of Sweet Spanish Onions are dispatched from Northern Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, uniformity of shape, trueness to type, and fine keeping qualities. They grow large in size with a heavy outside skin and white flesh that is very mild and sweet. Growers know it as the most profitable strain because of heavy yields—20% more marketable onions per acre are not uncommon—and freedom from botlenecks. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 10 lbs., \$43.50.

Utah State Certified Seed—In 1 lb. bags, \$5.00; 10 lbs., \$48.50.

P.-W.'s White Sweet Spanish—Similar in shape, size and habits of growth to P.-W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 10 lbs., \$43.50.

P.-W.'s Early Sweet Spanish—This is one of the earliest, mildest and sweetest onions grown. It brings a premium for early market trade. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 10 lbs., \$43.50.

Australian Brown—Medium size, brown skin, good keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

Barletta—The best extra early small variety for pickling and green bunchings. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs. per acre. Pkt., 10c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00; 10 lbs., \$38.50.

Bermuda Yellow—Onions, with straw-yellow skin and pure white, mild flesh. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

Crystal White Wax—Selected stock direct from the most critical grower on the Island of Teneriffe. Very large, white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

P.-W.'s Mountain Danvers—A large, semi-globe shaped onion so well adapted to high altitudes and short season. Yields of 600 bags per acre are very common. Bulb is large, slightly flattened, of a beautiful bronze color, splendid keeper. Price—Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

Ebenezer (Japanese)—This is a mild, firm, yellow onion: large—often 4 in. in diameter. The best yellow for sets.

Southport Red Globe—Globe-shaped, deep purplish red. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

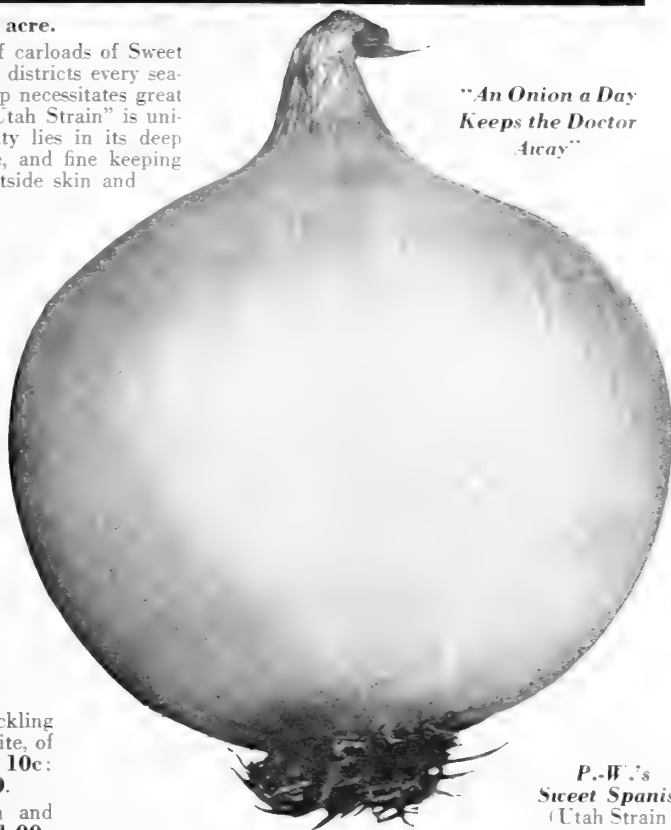
Southport Yellow Globe—Medium sized, splendid yellow globe, sure keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

Southport White Globe (the finest white)—The largest and best pure white globe onion. For large market growers, it always commands the highest prices. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00; 10 lbs., \$48.50.

Red Wethersfield—Well flattened, skin is a deep glossy purplish red. Flesh white. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$29.00.

White Portugal or Silverskin—An all-purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 10 lbs., \$43.50.

White Lisbon—The most popular bunch onion on many markets. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 10 lbs., \$43.50.



*"An Onion a Day
Keeps the Doctor
Away"*

*P.-W.'s
Sweet Spanish
(Utah Strain)*

ONION SETS AND PLANTS—See page 18.

GARLIC—See page 18.

OKRA (Gumbo)—One oz. 50 feet of drill.

Dwarf Green—Pods 4-5 in. long; especially fine for home gardens. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 10 lbs., \$5.50.

White Velvet—Pods are 6-7 in. long, round, smooth, and attractive. Of superior flavor and tenderness until nearly full size. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 10 lbs., \$5.50.



P.-W.'s White Sweet Spanish

Tender, Delicious, Green PEAS

Culture—Sow as soon as the ground can be worked, in single or double rows from one and one-half to three feet apart. The dwarf varieties can be planted in rows twelve to eighteen inches apart.

One pound to 100 feet of row; 100 pounds per acre

Alaska—60 days. Very early, smooth-seeded canning or garden variety. Vines, 30 in.; pods, 3 in. containing 5 to 8 peas.

American Wonder—60 days. Good home garden variety. Vines, 12 in.; pods, 2½ in., blunt, well filled.

Bliss Everbearing—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt.

Dwarf Alderman—74 days. A true large-podded Alderman type with dwarf sturdy vines. Becoming very popular for main crop. The dark green pods are most attractive and command the highest prices. Vines, 20 in.; pods, 4½ in., dark and pointed.

Dwarf Telephone (Dark Podded)—74 days. We now are able to furnish this variety with the dark green vines and pods.

World's Record—61 days. An Improved Gradus type. Earlier and larger podded than Gradus. Vines, 30 in.; pods, about 4 in. long of finest quality.

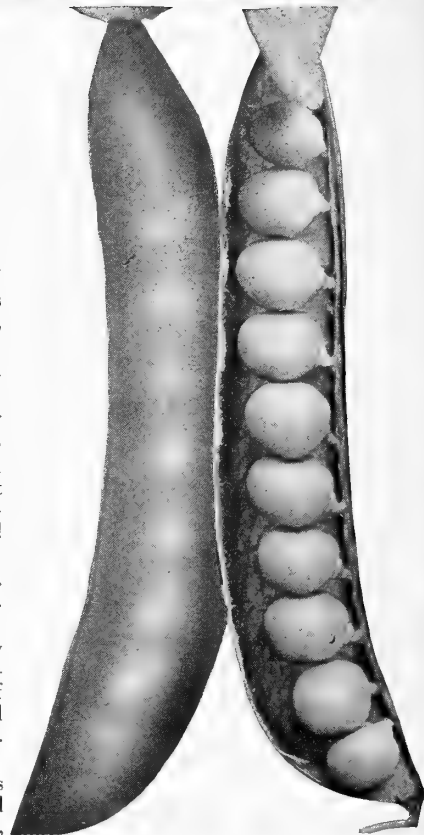
Hundredfold (Imp. Laxtonian or Blue Bantam)—63 days. Large, blue-green pods, 4½ in. long on dwarf 20 in. dark green, stout vines. Its dwarf habit and large pods containing 6-8 delicious peas combined with its extreme earliness and heavy production make Hundredfold an outstanding home and market garden pea.

Little Marvel—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and very tender and sweet.

Laxton Progress—62 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas.



See page 72



P.W.'s Improved Laxtonian

Number 40—Resembles Stratagem, but 4-5 days earlier; adapted particularly for shippers and market gardeners. Pods dark green, pointed, about 5 in. long.

Rogers No. 95 Icer—74 days. A wonderful pea for market growers as its attractive dark green color and firm pods make it especially fine for market display, packed in ice. Several days earlier than Stratagem with 2 ft. vines and 4½-5 in. pointed, dark green pods.

Stratagem—80 days. Fine late variety for home gardens, market growers, and long-distance shippers. 24 in. vines; 4½ in. pods; color, dark green. A very fine variety and a heavy yielder.

Thomas Laxton—62 days. A superior early pea which retains its pleasing flavor and sweetness until it begins to harden. Excellent canning, home, or market sort. Vines, 2½ ft. tall; pods, 3½ in., dark, and blunt.

Mammoth Melting Sugar—Edible pods. Vines, 4½ ft. tall, with 5 in. long pods. When young, they are stringless, very tender, and richly flavored.

Any of above—Pkt., 10c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10; postpaid.

PEAS

Quantity Prices on Peas Transportation Not Prepaid

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots per lb.		10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots per lb.
Alaska	16c	14c	13c	Little Marvel	16c	14c	13c
American Wonder	16c	14c	13c	Laxton Progress	16c	14c	13c
Bliss Everbearing	16c	14c	13c	Number 40	16c	14c	13c
Dwarf Alderman	16c	14c	13c	Rogers No. 95 Icer.....	16c	14c	13c
Dwarf Telephone	16c	14c	13c	Stratagem	16c	14c	13c
World's Record	16c	14c	13c	Thomas Laxton	16c	14c	13c
Hundredfold	16c	14c	13c	Mammoth Melting Sugar	17c	15c	14c

**P.W.'S
FAMOUS
\$1.00
OFFER**

**NO.
339**

Luscious Green Peas for Entire Season

Plant these five—all large podded: **P.W.'s Laxton Progress** (1st maturing), **Bliss Evergreen** (2nd maturing), **P.W.'s Dwarf Alderman** (3rd maturing), **P.W.'s New No. 40** (4th maturing), **P.W.'s Dwarf Telephone** (5th maturing). Consists of 1 lb. each of above five varieties (value \$1.35), postpaid..... **\$1.00**

P.W.'s Laxton's Progress

PARSLEY—One ounce sows 150 feet of drill, 3 to 4 lbs. to an acre.

Evergreen—All-America Award 1940. Strong-growing with large, dense, dark green foliage. More frost resistant than other varieties. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

Paramount—Award of Merit, All-America Selections, 1935. Very compact with very dark green, triple curled leaves. Plants 12 inches tall and very uniform. Noted for hardness and ability to hold color.

Champion Moss Curled—A vigorous compact sort. Deep green color and attractive foliage. One of the best for market or home use.

Fine Double Curled—A standard dwarf variety having deeply cut and curled leaves.

Hamburg (Rooted)—Fleshy roots resembling parsnips. Flesh, white. Roots may be dug and carried through winter like turnips. 100 days.

Prices, any of above except "Evergreen"—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 5 lbs., \$4.00.

PARSNIPS—Oz. per 100 feet of row, 5 or 6 lbs. per acre.

Ideal Hollow Crown—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 10 lbs., \$8.00.

New Harris White Model—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are excellent points in its favor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c; 10 lbs., \$8.50.

PEPPERS—An ounce of seed will produce about 1000 plants. One ounce 500 plants, half pound per acre.

Anaheim Chili—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long, 1 inch wide, tapered; deep green to scarlet when mature.

Chinese Giant—A large pepper, yielding enormously. Fruits are a rich dark green, turning to scarlet red when ripe. Thick, mild, and sweet flesh. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$4.50.

California Wonder (Special Stock)—Has all the qualities desired in a stuffing pepper. Average 4 inches in length and 3½ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. Pkt., 10c; ½ oz., 35c; oz., 40c; ¼ lb., \$1.20; lb., \$4.00.

California Wonder XXX Strain—This is a remarkable deluxe strain. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.85; lb., \$6.00.

Long Red Cayenne—Strong and pungent; fruits about 5 in. long and ¾ in. thick, tapering. Especially fine for drying.

Neapolitan—Very early, extremely mild and sweet. Measure about 4 in. long and 2 in. wide. Yellowish green to red when mature.

Pimento—The sweetest pepper grown, as it does not contain the slightest trace of fieriness. Fruits heart-shaped.

Red Chili—Small, bright red, hot and pungent. About 2 in. long and ¼-½ in. wide.

Ruby King—Fruits large, glossy red, very mild. About 4½-5 in. long and 3 in. wide.

World Beater—Large, oblong, 70-day, sweet.

Any of above—Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$3.00.

Windsor (New)—**Early Thick Meated**—Originated at the Connecticut Experiment Station. A long type resembling Ruby King in shape but very thick flesh. Very prolific and produces an abundance of ripe fruit early. Peppers about 2½ in. at top and 4½ to 5 in. long. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

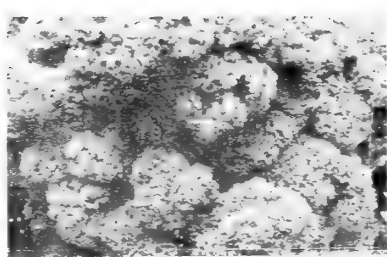
PUMPKINS—An ounce of seed will plant 20 hills, about 3 lbs. to the acre.

Connecticut Field (Big Tom)—Large orange colored fruits, flat on the ends with smooth, hard rind. For canning or pies, also used largely for stock feed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; 10 lbs., \$5.50.

Dickinsons—New improved variety, exceptionally thick, fine-grained flesh, color deep gold, high protein content. Out-yields any other variety yet developed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00.

King of the Mammoth—Also called "Jumbo" or "Potiron." This is the largest pumpkin. Flesh is thick, yellow, and fine-grained. Used principally for exhibition and stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 10 lbs., \$9.00.

Sugar Pie Pumpkin—A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Wonderful for pies; in fact, this is the celebrated New England Pie Pumpkin. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00.

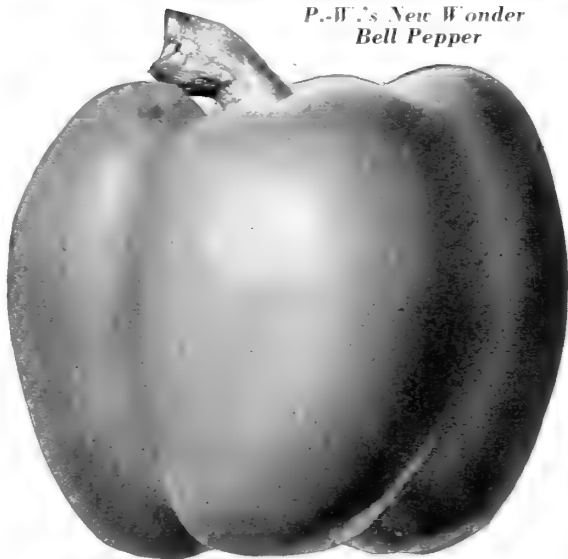


Champion Moss Curled Parsley

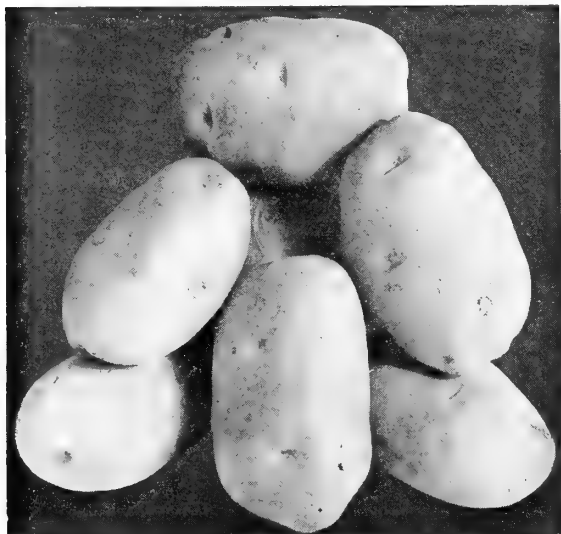


Parsnips—Hollow Crown

*P.-W.'s New Wonder
Bell Pepper*



Sugar Pie Pumpkin



For bumper crops use P.-W.'s Mountain Crown Stocks

SEED POTATOES

Bliss Triumph—A standard extra early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops and are least susceptible to rot, scab, and other diseases.

Early Ohio—Very early, heavy yielding, dependable money-makers. Skin light reddish-pink, smooth, with white flesh firm and fine-grained.

Idaho Russet—The best baking potato. Either cooked or baked, the pearly white, dry and mealy flesh cannot be surpassed. This late maturing sort is large in size, elongated, shallow eyed, with a beautiful netted and russet skin.

Irish Cobblers—This variety is the leading early, round, white potatoes. Famous for its superlative white skin, heavy yields, and good keeping qualities.

Prices Subject to Change—Potato prices are subject to market changes so we will be pleased to quote lowest prices by letter. Please state kinds and amounts in which you are interested.

VEGETABLE SPAGHETTI—A delicious new vegetable from Persia which has bright yellow, oblong fruit 8-10 inches in length filled with Spaghetti-like pulp. When ripe, the whole fruit, without cutting or peeling, can be cooked 20 minutes in boiling water, then cut in half. A dishful of Spaghetti from each fruit. Pkt., 10c; oz., 20c; ¼ lb., 60c; postpaid.



P.-W.'s Sparkler

SQUASH

SUMMER VARIETIES—A packet of seed of summer varieties will plant 6 to 8 hills; an ounce 30 hills.

Cocozele Bush—Is long and cylindrical. Dark green when young, and fine flavored. Bush vines.

Early White Bush (Patty Pan)—Favorite everywhere. Fruits are rather small, quite flat, with scalloped edges. One of the best squash for stewing.

Table Queen (Acorn)—An individual size squash. Outside color, green; flesh, light orange; dry, sweet flavor.

Golden Table Queen—Slightly larger than the green.

Early Yellow Summer Crookneck—Most popular of the yellow summer varieties. Fruits weigh about 2 lbs., heavily warted, and golden yellow in color. We have a beautiful pure line strain.

Zucchini Black—The latest development in Zucchini types. It is rapidly replacing Cocozele and Grey Zucchini in most areas. Fruits long and slender, showing a black green color when young. We believe they have a better flavor than other strains.

Giant Summer Straightneck—These are easier to pack for shipping. They produce heavily on one-third less vine growth than the Crookneck type.

Price, any of above—Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c; 10 lbs., \$8.00.

WINTER VARIETIES—A packet of seed of winter varieties will plant 3 to 4 hills; an ounce 15 hills; 3 to 4 lbs. of seed per acre.

Banana (Blue)—Popular Winter squash. Fruits 18 to 24 in. long and about 7 in. in diameter. Slate grey color; flesh fine-grained, deep yellow, dry, and sweet.

Chicago Warted Hubbard—Dark green, flesh dry and sweet. Very hard shell insures long keeping qualities.

Delicious—Green; resembles the Hubbard; flesh very thick, deep orange color. Pear-shaped. Fruits weigh 8 to 10 lbs.

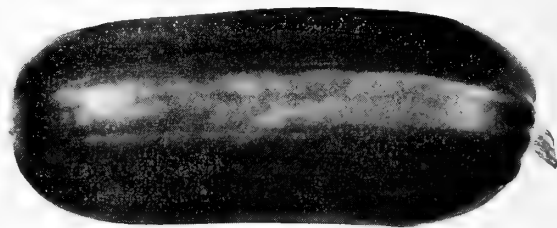
Golden Delicious—Like Green Delicious except the outside is of deep orange color.

Pike's Peak or Sibley—Large oval fruits, slate grey in color; flesh golden-yellow, very best quality.

Golden Hubbard—Warted, Hubbard shape, golden color.

Utah Giant Field—Mammoth size; valuable for stock feeding. Seeds are large, brown and shiny.

Price, any of above—Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., 95c; 10 lbs., \$8.50.



Squash—Black Zucchini

RADISHES—A packet will sow 15 to 20 feet of row; an ounce about 75 feet.

P.-W.'s Sparkler—Color is scarlet and white, extremely quick to mature, being ready for the table in 20 days from planting. Valuable for forcing under grass, as well as for the open. Skin very smooth, and its color gives it an appetizing appearance.

French Breakfast—24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; scarlet color with white tip.

P.-W.'s New Scarlet Globe—The radishes are a very handsome olive shape, bright scarlet in color, crisp and tender. Under favorable conditions, they may be pulled about 20 days from sowing.

Icele—The most popular of all long radishes. Pure white, slender, and tapering in shape. The flesh is crisp; always tender, and of splendid flavor. 27 days.

Radish Prices—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 10 lbs., \$7.00; 100 lbs., \$60.00.

RADISHES—Crisp and Appetizing

P.-W.'s New Glowing Ball (Imported Stock)—This is a new brilliant scarlet, perfectly round home garden and farming radish. It has a small top, thread-like tap root and bright fiery color. The flesh is white, crisp, and as mild as any radish we know. 24 days.

P.-W.'s Bicolor (Imported)—Within the relative short time since this variety was developed, it has fast become the choice of large radish growers who demand the finest strains. The white tip extends fully half way up the root, and the brilliant scarlet of the top shows up in strong contrast. We recommend Bicolor as stock that will command the highest prices. Limited stock.

Prices—Glowing Ball and Bicolor—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c; 10 lbs., \$8.00; 100 lbs., \$75.00.

RADISHES—Winter Varieties—Seed for winter radishes should be sown about the first of August in rich, warm, sandy loam, in rows about twenty inches apart, covering half an inch deep. When well up, thin to three inches apart in the row and give frequent cultivation. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

Chinese Rose—Half-long, flesh pink, solid.

Long Black Spanish—Roots black.

Celestial or White Chinese—Pure white, firm.

Price, any of above—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

RHUBARB—1 oz. of seed will sow about 100 ft. of row.

Strawberry Rhubarb—Attractive red variety—takes less sugar, excellent flavor. Roots only, see page 17.

Victoria—Very large and tender. The best variety to plant and the one most generally used. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

New Giant Cherry Rhubarb—This splendid new type has a decided advantage over all other varieties in that it produces very large stocks of a decided cherry-red color which, for market purposes, commands a higher price than the less colorful types. This is propagated from divisions only. Strong roots, 25c each; 3 for 65c, postpaid. Not prepaid, 15c each; \$1.60 per dozen: \$11.00 per 100.

Roots—See page 17.

SALSIFY—One ounce of seed will sow about 100 feet of row. Cultivate the same as carrots. Can remain in the ground all winter for early spring use.

Mammoth Sandwich Island—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored; very popular. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

SWISS CHARD—The Spinach Beet so prized for greens, should be sown in conjunction with spinach for a continuous supply during the extreme hot weather. See page 3.

COLLECTION OFFER NO. 343

All Season Fresh Greens for the Table

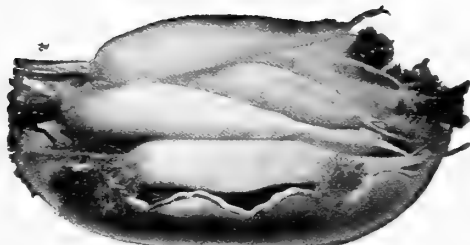
- 1 pkt. Detroit Dark Red Beet
- 1 pkt. Imp. Long Standing Bl. Spinach
- 1 pkt. New York Lettuce
- 1 pkt. King of Denmark Spinach
- 1 pkt. Swiss Chard

25c

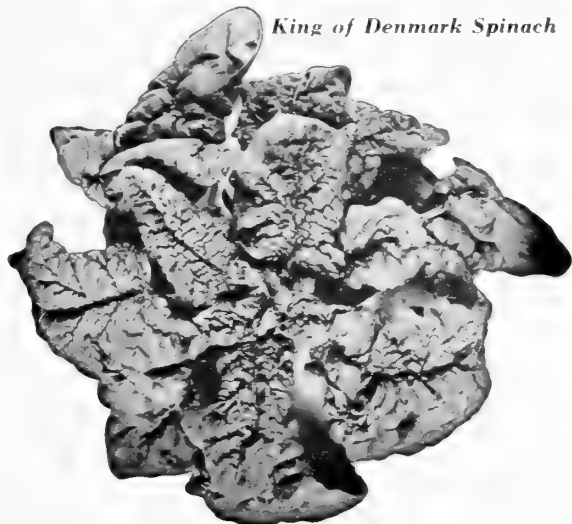
Postpaid



Purple Top Globe Turnip



White Icicle Radishes



King of Denmark Spinach

SPINACH—Packet of seed will sow 25 to 30 feet of row: ¼ lb. 200 ft.; 12 to 20 lbs. of seed an acre.

P.-W.'s Improved Long Standing Bloomsdale Savoy-Leaved—We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting to seed. We recommend this variety to spinach growers who demand only the finest.

King of Denmark—This spinach will stand longer than any other kind. The leaves are very dark green, quite thick, and have small stems. These qualities, together with its heavy yield, makes it one of the best canning varieties.

Noble Giant—This thick-leaved variety produces the largest spinach yield, grows rapidly, and is ready to cut early. The medium green leaves are nearly smooth. Excellent variety where large volume is desired.

Old Dominion—Becoming very popular for spring planting in sections where blight prevails. Leaves large, dark green, well blistered; produces large crops.

Spinach Prices—Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 50c; 10 lbs., \$4.50; 100 lbs., \$42.50.

TURNIPS—A packet of seed will sow 50 ft. of row; an ounce 300 ft. It requires from 1 to 1½ lbs. of seed per acre in drills. For succession, continue to sow every two weeks until June. For Fall or Winter crops, sow in July or August.

Purple Top White Globe (Special Strain)—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow-white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market garden and shipping variety and always sells at advanced prices over ordinary sorts.

Snowball—An early variety next in popularity to Purple Top White Globe. Roots are round, pure white throughout. Flesh is fine-grained, sweet, and tender.

Early Strapleaf Purple Top—Roots flat, fine-grained, mild.

White Egg—An oval or egg-shaped clear white turnip.

Turnip Prices—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00.

RUTABAGA or SWEDE TURNIP

American Purple Top—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine-grained. Very sweet and tender.

Golden Necklace—A favorite winter variety maturing earlier than the American Purple Top, which it closely resembles. The flesh is light yellow, fine-grained, and sweet. Roots are uniform in shape and color with a very small neck.

Rutabaga Prices—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; 10 lbs., \$5.50.

Home Grown TOMATOES

The Pride of Your Garden and Table

Approximate number of days from setting plants to ripened fruits are indicated.

NEW TOMATO NAMED

P.-W.'s New XXX, for which a name prize was offered last year, was named "**P.-W.'s Early Canner**" by Earl G. Kernaly, of Adrian, Michigan. See the listing that follows:

P.-W.'s EARLY CANNER (New) — The fruits are smooth, very red, and not susceptible to cracks. Vines are short-jointed, compact in form, allowing three plants in the space ordinarily required for two of most other varieties. We believe it will become the favorite for Canners, Home, and Market Gardeners. Several years have been spent in selection, tests, and observation. We believe now this strain is thoroughly fixed. It combines the virtues to make it an outstanding variety for all gardeners, especially those in Northern U.S.A. and Canada. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.

WHAT CUSTOMERS SAY—

About P.-W.'s Early Canner:

"It seems well adapted to this climate."—

B. H. O., Pontiac, Michigan.

"It was the only variety of four planted to survive the wilt."—I. H. M., Kanab, Utah.

"Its non-acidity, delicious flavor, and fine texture won our favor." — R. H. S., Salt Lake City, Utah.

"Retains its shape and color when cooked or canned."—N. B. C., Baker, Oregon.

"Of rapid growth, producing fine tomatoes excellent flavor, fine for slicing and vines were loaded down with the fruit."—Mrs. S. W. S., Casper, Wyoming.

Bonny Best—Unexcelled as a general purpose tomato. Fruits bright, deep scarlet red; medium large; flattened globe shape; smooth and firm. 73 days. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Crimson Cushion (Beefsteak)—The rich, scarlet-red fruits resemble Ponderosa in size. The flesh is juicy, solid, and has a rich sub-acid flavor which makes it popular with many home gardeners. 90 days. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

Earliana Special—We earnestly believe our strain is the finest of this first early type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.25.

Greater Baltimore—Similar to Stone and particularly valuable for canning. Heavily productive. Fruits deep scarlet-red, large, deep, smooth; very firm and solid. 82 days. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Improved Stone—Enormous producers. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.25.

John Baer—Matures between Earliana and Bonny Best. We regard this variety as one of the best medium earlies and recommend it most highly for all purposes. Fruits bright scarlet-red, smooth, and quite firm. 70 days. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$3.00.

June Pink—The best extra early purplish-pink variety. The meat is solid, of fine texture, with a delightful sub-acid flavor. Heavy yielder. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.

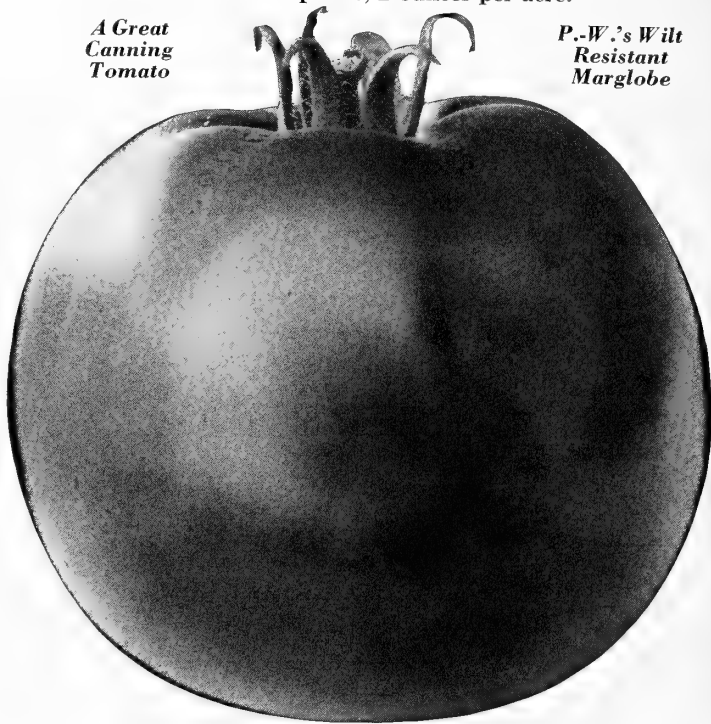
Marglobe—Blight resistant. Introduced by the U. S. D. A. only a few years ago but quickly acclaimed a leading all-purpose variety. Has all the good qualities desired for market growers, canners, and home gardeners. The fruits are large, globe-shaped, smooth, deep red, very solid and firm; delicious flavor. Vines very productive. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50. Certified seed, pkt., 10c; oz., 40c; ¼ lb., \$1.35; lb., \$4.50.

TOMATO PLANTS—See page 16.

1 ounce 2000 plants, 2 ounces per acre.

A Great Canning Tomato

P.-W.'s Wilt Resistant Marglobe



Norton (Wilt Resistant Stone)—One of the best canning and long distance shippers. A main crop, scarlet fruited variety. 88 days. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

Ponderosa—Largest pink kind. Magnificent, heavy, solid fruit, often weighing 2 lbs. or more; light pink. Medium late. 88 days. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

Pritchard's (Scarlet Topper)—A wilt-resistant variety developed by the U. S. D. A., regarded generally as one of the best tomatoes grown. Scarlet globe fruit, solid, and of extremely fine quality. 75 days. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

San Jose Canner—A main crop, scarlet fruited sort. 86 days. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Scarlet Dawn—A very fine early tomato. Fruits medium size, smooth, globular, solid; color scarlet. Plants vigorous and productive. Makes a good market or home garden variety. 70 days. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; lb., \$4.50.

SMALL FRUITED VARIETIES

These enormously productive fruits are prized for eating, preserving, salads, and pie making.

Ground Cherry (Husk Tomato)—Fruits small, round, and borne in papery envelopes. Sweet flavor. Valued for salads and preserves.

Red Cherry—Fruits small, round, rich deep red.

Yellow Pear—Fruits 2 in. long, pear-shaped.

Any of above, Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

HUCKLEBERRY (Wonderberry)—The fruit is as large as a grape and jet black when ripe. It is fine for cooking, having a flavor like the Huckleberry, and makes delicious pies, jellies, preserves, jams, etc. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

EARLY CROPS GET HIGHEST PRICES—The Perfect Tomato Plant Cover—Prices, see page 36.

SEEDLING Plants for Every Purpose

Vegetable Plants

Most all varieties ready April 15th to June 15th

By mail add postage..... Dozen 10c 100 20c 500 60c 1000 \$1.10

Cabbage

Copenhagen Market, Golden Acre, Jersey Wakefield, Danish Ball Head.....\$.20 \$.60 \$2.75 \$4.75

Cauliflower

Perfection (super snowball)..... .25 .75 3.25 5.75

Celery (Ready about May 15th or later)

Golden Crisp (Utah Chinese), Golden Plume20 .60 2.75 4.50

Egg Plant (Grown in Flats) (Transplanted)

Black Beauty30 1.20 5.00 10.00

Peppers (Grown in Flats)

Chinese Giant, Wonder Bell, Red Chili25 1.00 4.50 9.00

Tomato (Grown in Flats, Transplanted) P.-W.'s Ey. Canner, Earliana, John Baer, New Stone, Marglobe

..... .25 1.20 5.00 10.00

Plants shipped in Flats will be forwarded via rail freight, truck or express, charges collect. Write for the prices on full Flats.

VEGETABLE ROOTS

By mail add postage..... Dozen 10c 100 20c 500 70c 1000 \$1.25

Asparagus (2 year old)

New Mary Washington.....\$.25 \$1.00 \$4.50 \$8.00

Artichokes

Jerusalem (tuberous rooted)..... Lb. 10 Lbs. \$.15 \$1.00
Write for quantity prices. By mail add..... .10 .30

Chives—Sprouted, nice clump

Postage 10c each; 25 doz. Each Doz. .15 1.50

Horse Radish Roots—postpaid

..... Doz. 100 .25 1.25

Rhubarb—postpaid

Victoria Each Doz. .20 1.50
Strawberry20 1.50
New Giant Cherry (see page 15)..... .25 2.50
Sage—Garden Variety20 2.00



Onion Plants

Onion Plants

These Texas-grown starts produce onions 8 to 10 weeks from setting. Market growers find them very profitable. For description, see page 11.

Sweet Spanish—Produces large onions.
Crystal White Wax — Makes either bunching or large bulbs.

Prices—100 plants, 20c; 1,000 plants, \$1.50, postpaid. Full crate (6,000 plants), \$6.00, not prepaid. Write for prices on larger lots.

Onion Sets

A great specialty with us. We produce several carloads at our own farm in Centerville.

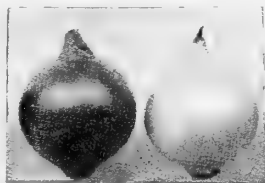
Soil requirements are the same as with onion seed. It requires from 250 to 350 lbs. per acre; 1 lb. to 100 ft. row.

Yellow Bottom Sets—Lb., 15c; 5 lbs., 65c; add postage.

White Bottom Sets—Lb., 15c; 5 lbs., 65c; add postage.

Write for quantity prices.

Garlic Sets—Lb., 35c; 5 lbs., \$1.35, postpaid.



Annual Flowering Plants

Ready April 15th to June 15th

All are Transplanted and Grown in Flats

Write for Prices on Full Flats for either Express or Freight shipment.

Prices are f.o.b. Centerville, Utah. If by mail add extra for packing and postage 10c per doz. and 25c for 50.

Not Prepaid
Per Doz. Per 50

ASTERS

Imp. Giant of California.....\$.30 \$1.00

Crimson Rose Mixed

Light Blue White

Early Beauty (Wilt Resistant)..... .30 1.00

Crimson Deep Rose White

Dark Blue Shell Pink Mixed

ANTIRRHINUM (Snapdragons)

New Rust Proof Giants of California..... .30 1.00

Burnt Orange Deep Crimson Rose Pink

Canary Yellow Rich Purple Snow White

Nanum Guinea Gold..... .30 1.00

AGERATUM

Dwarf Blue Cap; Midget Blue (New).... .30 1.00

ALYSSUM

Snow Cloth..... .30 1.00

Violet Queen (New Dwarf)..... .30 1.00

LARKSPUR—Giant Imperial Mixed..... .30 1.00

LOBELIA—Crystal Palace Comp...... .30 1.00

MARIGOLD

African All-Double Mixed..... .30 1.00

Double Harmony Hybrids..... .30 1.00

French All-Double Mixed..... .30 1.00

Sunset Giants, New Improved..... .30 1.00

PETUNIAS

Giants of California Mixed..... .40 1.25

Ruffled Monster Mixed..... .40 1.25

Super Fluffy Ruffles Mixed..... .40 1.25

New All-Double Fringed Mixed..... .65 2.00

Giant Sgl. Fl., Elk's Pride..... .40 1.25

Single Bedding—as follows:..... .30 1.00

Blue Celestial Rose

Topaz Rose White Mixed

Dwf. Velvet Ball..... .30 1.00

PHLOX—Drummond's Mixed..... .30 1.00

SALVIA—America (Globe of Fire)..... .30 1.00

STOCKS—10 Weeks, Double Mixed..... .30 1.00

VERBENAS

Giant Mixed..... .30 1.00

Venosa..... .30 1.00

ZINNIAS

Dahlia Flowered..... .30 1.00

Crimson Orange Rose

White Yellow Mixed

Lilliput Mixed—All colors..... .30 1.00

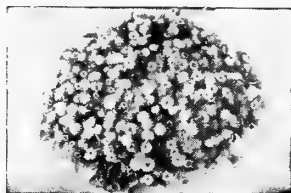
All of above are quoted f.o.b. Centerville, Utah. If

wanted by mail, add extra for packing and postage 10c per doz. and 25c per 50.

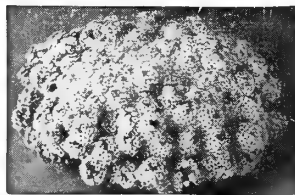
P.-W.'s Pansy Plants

Grown with the utmost care from the world's best mixture, it is not putting it too strong when we say "Positively, there are none better." **Prices**—Large plants in bloom, 50c per basket of 12; 8 baskets for \$3.00. Add 20c per basket if by mail. Quantities of 4 baskets (1 crate) or more may be shipped cheaper by express or truck.

IMPORTANT—Plants sent by mail have but little soil left on roots, and should receive careful attention upon arrival. If they appear at all withered, place in luke-warm water for an interval of ten to fifteen minutes. This will revive them, after which they can be successfully planted.



Ageratum Blue Cap



Alyssum Snow Cloth



Super Giant Snapdragon
(Antirrhinum)



Arctotis—New Hybrids

All the Best in Charming Flowers for This Year's Garden

Easily grown—free cultural leaflets with each order. Ask for them.

ACHILLEA (Milfoil or Yarrow) (HP)

Parmica, The Pearl—2 ft. June-August. Pure white, double flowers all Summer. Prized for cutting. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Tomentosa—6 to 8 inches. July to September. Bright yellow flowers. Excellent for rockeries. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

ANTIRRHINUMS (Snapdragons) (A)—The peer of all garden flowers.

Maximum or Super Giants, Rust Resistant—2¾ ft. The development of these new rust-proof strains has made Snapdragons more popular than ever. Plants are base branching, each producing up to 1½ dozen long, graceful spikes covered with large flowers. Foliage is clean, healthy, and luxuriant.

Alaska—Pure white.

Apple Blossom—Light pink.

Canary Bird—Canary-yellow, deeper lip.

Christmas Candle—Flame red, lighter throat.

Copper King—Burnished copper.

Crimson—Deep crimson.

Indian Summer—Reddish bronze and golden hues.

Loveliness—Soft rose-pink. See color page.

Rosalie (New)—A rich, deep rose with an underlying tone of topaz or amber. Pkt., 25c.

Each of above—Pkt., 15c; 1/16 oz., 30c.

Super Giant or Maximum, Mixed—Pkt., 15c; ½ oz., 30c.

California Giant Mixture—This deluxe mixture will furnish you a never-ending color combination of long stemmed, rust-proof, cut flowers. Pkt., 15c; ½ oz., 30c.

Large Flowered Semi-Tall (Nanum Grandiflorum)—They're neat plants, about 15 in. tall, are free flowering, bearing long, dense spikes of exquisite blooms. Wonderful for beds and borders.

Nanum Grandiflorum Type—Ht. about 1½ ft. Best mixed—Pkt., 10c; ½ oz., 30c.

Guinea Gold (Nanum Grand.)—Visitors to our Centerville Trial Grounds were thrilled over this ensemble of orange-gold and terra-cotta. We feel it will be extremely popular for bedding. Pkt., 15c.

AGERATUM (A)

Dwarf Blue Cap—The best dwarf; plants are tiny mounds of flowers; large, compact, deep rich blue. Pkt., 15c; 1/16 oz., 45c.

Midget Blue—Able to offer a very fine dwarf, 2-3 in. high. Blue flowers. Comes uniform and true to color from seed. Pkt., 25c; 3 for 70c; 1/32 oz., 40c.

Nanum Blue Perfection—9 inch. The darkest Ageratum grown from seed. Pkt., 10c; ½ oz., 25c.

ALYSSUM

Benthami Mariatimum (Sweet Alyssum) (A)—Flowers white, honey scented. Blooms early and continues until frost. Pkt., 10c; ½ oz., 20c.

Little Gem (A)—Very dwarf and completely covered with snowy-white blossoms. Pkt., 10c; ¼ oz., 25c; oz., 75c.

Violet Queen (New)—Plants are dwarf, compact, neat in habit, free flowering and the small sweet-scented flowers are a very rich, deep shade of violet. See color page 20. Pkt., 25c.

Snow Cloth (Procumbens) (A)—Of dwarf, compact habit, but 4 in. high. They spread considerably. Pure white flowers completely cover the plants. Fine edging or border. Pkt., 10c; ¼ oz., 30c.

Saxatile Compactum (Basket of Gold) (HP)—1 ft. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Argenteum (HP)—1 ft. Dwarf, dense grower, yellow flowers, in bloom all Summer, leaves silvery underneath. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

AMARANTHUS (A)

Tri-Color Splendens (Joseph's Coat)—Showy foliage variegated with shades of bronze, green, scarlet, and gold. Pkt., 10c; ¼ oz., 25c.

Molten Fire—Rich maroon foliage crowned with fiery crimson top-leaves. Gives a magnificent display until late Fall. 4 ft. tall. Pkt., 15c; ½ oz., 30c.

ANCHUSA

Italica, Dropmore Variety—5 ft. June-July. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Myosotidiflora—A wonderful dwarf perennial with clusters of charming blue flowers resembling Forget-me-nots. An effective rock plant for either sunny or shady places. Flowers in May and June. 12 in. high. Pkt., 25c; ½ oz., 50c. Plants, 3 for 75c; doz., \$2.50; postpaid.

ARCTOTIS (African Daisy) (A)

Grandis (Blue-Eyed African Daisy)—2-3 ft. Silvery white with sky-blue eye and yellow halo; downy foliage. Makes good cut flowers. Pkt., 10c; ½ oz., 20c.

Giant Hybrids—8-12 in. Excellent border, edging, or rockery variety in shades of bronze, brown, russet, terra-cotta, apricot, yellow, rose, mauve, red, and white. Pkt., 15c; 1/16 oz., 50c.

ARABIS (Rock Cress) (HP)

Alpina—A favorite for borders and rock garden planting, forming spreading tufts covered with sheets of pure white flowers. One of the earliest spring-flowering plants we have. Perfectly hardy and long-lived. Pkt., 10c; ¼ oz., 40c.

Alpina Rosea—Pink flowers. Pkt., 25c.

Plants, either of above, 3 for 60c; doz., \$1.80; postpaid.

1941 All-America Annual Flower Winners



BLUE BROCADE PETUNIA

New dwarf all-double, true violet-blue variety producing a very high percentage of beautiful fully-double flowers of pleasing fragrance; prolific bloomer. **Pkt. 50c.**



PETUNIA, RADIANCE

Brilliant rich rose cerise with brown veined yellowish throat; blooming very early and profusely at uniform height. **Pkt. 25c.**



MARIGOLD, SPRY

Extra dwarf, double French type, compact, uniform. About 9 inches tall, early blooming, light orange crested center, maroon outer petals. **Pkt. 25c.**

"All-America" Collection Offer No. 351

Consisting of 1 packet each of the six charming flowers shown on this page. All for

\$1.50

Prepaid



MARIGOLD, GOLDSMITH

Giant chrysanthemum-flowered golden orange with good stems for cutting; early and free-blooming, on strong bushy plants 3 to 4 feet in height. **Pkt. 25c.**

(At left)

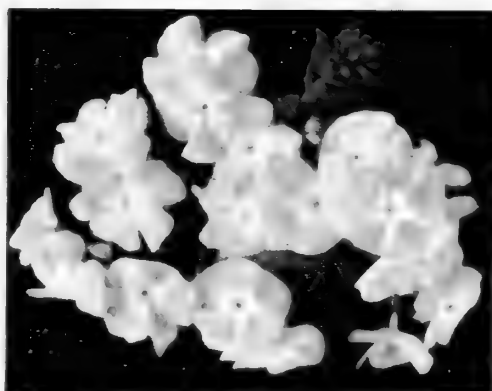
**ZINNIA,
BLACK RUBY**

Deep velvety maroon, Liliput or Pompon type. 15 inches tall with flowers 1 1/4 inches. **Pkt. 25c.**

(At right)

**PHLOX,
ROSY MORN**

Giant single annual phlox of brilliant rose with a white eye. Extra large flowered, pleasing color combination and an early, free bloomer. Twelve inches tall. **Pkt. 25c.**



Outstanding Annual Flowers, Recent Introduction



VERBENA, BRIGHTNESS

A bright rosy cerise scarlet, large white eye, semi-dwarf. Pkt. 20c.



ALYSSUM, VIOLET QUEEN

A very pretty bright violet, quite distinct in both color and habit. A fine companion for Little Gem. Pkt. 15c.



CALENDULA, IMPROVED CAMPFIRE

Deep orange, quilled petals. Pkt. 10c.



SNAPDRAGON

MAXIMUM RUST-RESISTANT

LOVELINESS. Soft rose-pink. Pkt. 15c.

CRIMSON. Deep crimson. Pkt. 15c.

COPPER KING. Burnished copper. Pkt. 15c.

Collection of Outstanding Annuals No. 352

Consisting of 1 packet each of the splendid varieties shown on this page. 10 packets in all.

Regular value \$1.45

All postpaid for

\$1.00

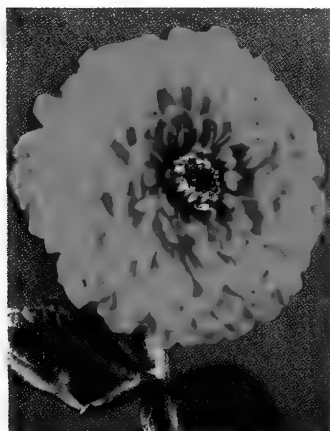
Prepaid



MARIGOLD,

DWARF DOUBLE HARMONY

Deep orange with maroon-brown collar. Pkt. 15c.



ZINNIA,

DOUBLE DAHLIA FL., ORIOLE

Orange and gold bicolor. Pkt. 15c.



COSMOS, SENSATION MIXED

Flowers 4-6 inches across will bloom in 8 to 10 weeks after sowing. Broad fluted petals slightly overlap, forming a very full single flower. Pkt. 10c.



LARKSPUR, GIANT IMPERIAL, PINK KING

A new color in Larkspur, rose with just enough suffusion of salmon to create a most pleasing new shade of salmon-rose. Pkt. 15c.

ASTERS (A)

Improved California Giant—3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed, curled and interlaced flowers 5 in. and over across. **Crimson, Light Blue, Pure White, Purple, Rose and Mixed.** Any of above—Pkt., 15c; ⅛ oz., 50c.

Early Beauty—Wilt Resistant—The outer petals reflex and the center ones curved gracefully inward. Magnificent for cutting. **White, Light Blue, Dark Blue, Crimson, Shell Pink, Deep Rose and Mixed.** Each of above—Pkt., 15c; any 3 pkts. for 35c; ⅛ oz., 35c.

Giant Crego—Wilt Resistant—The flowers measure four to five inches in diameter and are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. **White, Rose Pink, Crimson, Dark Blue, Light Blue and Mixed.** Each of above—Pkt., 10c; 3 pkts., 25c; ⅛ oz., 35c.

Heart of France Aster—The largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine variety. Pkt., 15c; ⅛ oz., 35c.

Giant California Sunshine, Mixed—3 ft. Large flowers 4-5 in. across with loosely placed outer petals contrasting with the creamy yellow or blue centers. Pkt., 15c; ⅛ oz., 75c.

El Monte (Super Giant)—The immense, brilliant, glowing crimson flowers begin blooming in August and continue to frost. Pkt., 20c; ⅛ oz., 50c.

Los Angeles (Super Giant)—Pure shell-pink. The long, strong stems and non-lateral habit make disbudding unnecessary for these Super Giants. Pkt., 20c; ⅛ oz., 50c.

ARMERIA (HP)—**Formosa, Large-Flowered Hybrids**—Deepest to lightest rose shades, various shades of pink and coral and light red—a very attractive mixture. Pkt., 20c; 1/16 oz., 60c; ⅛ oz., \$1.00.

AUBRIETIA (HP)

Bougainvillei—Dark blue flowers. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

P.-W.'s Monarch Mixture—A wide range of many unusual colors provide a rich and glorious color effect. Strong flowering plants. Seed only, pkt., 35c. Plants, 3 for 60c; doz., \$1.80; postpaid.

BALSAM (Lady Slipper) (A)—**Double Camellia-Flowered Mixture**—Today's Balsams are greatly improved over their predecessors. Given rich soil and plenty of water, they produce continuously from Summer till Fall. Pkt., 10c; ¼ oz., 30c.

BALLOON VINE (Love in a Puff) (A)—A clean, free-growing vine reaching 10 to 15 feet, bearing numbers of large, round, inflated seed-buds resembling miniature balloons. Pkt., 10c; ½ oz., 20c.

BELLIS PERENNIS (English Daisy) (B)—They are very popular because of their bright color and profuse, long blooming period. Easily grown from seed. Double White, Pink and Red. Pkt., 10c. Plants, 55c per dozen, postpaid.

Bleeding Hearts (Dicentra)—See page 48.

BRACHYCOMB (Swan River Daisy) (A)—9-12 in. Small, cineraria-like blooms nearly all Summer. Fine for edgings, small beds, or pots. Our mixture contains all the colors: White, Pink, and Blue. Pkt., 10c; ¼ oz., 30c.

BOLTONIA (HP)—**Latisquama**—One of the showiest of our native hardy perennials, growing 4-6 ft. high. Lilac-pink, daisy-like flowers all summer. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

ANEMONE

Japanica Alba—A beautiful large, single white with yellow center. Plants, 3 for 75c; doz., \$2.25; postpaid.

Sylvestris—1-1½ ft. Large, nodding, sweet-scented white flowers, tinted lavender. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

ANTHEMIS (Marguerite) (HP)—**Perry's Variety**—2 ft. Succeed in poor soil, but need full sun. The most improved variety. Large lemon-yellow daisies, in bloom all Summer. Pkt., 25c.

CALENDULA (Scotch Marigold) (A)

Orange Shaggy—This is a new laciniated petaled type. Deep orange color. The most graceful and unique variety in its class. Pkt., 10c; ¼ oz., 25c.

Chrysantho or Sunshine—Large, clear buttercup yellow, long loosely arranged petals resembling Chrysanthemums. Pkt., 10c; ¼ oz., 30c.

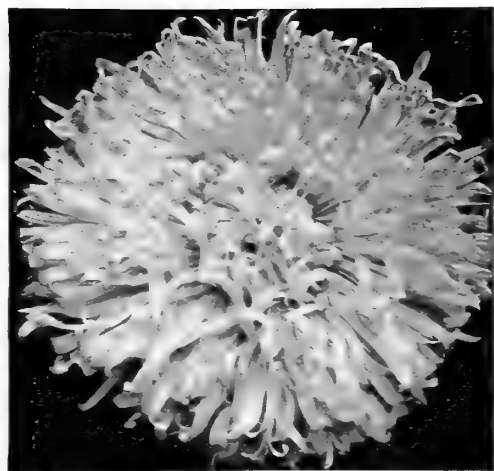
Orange Fantasy (New)—Long, twisted outer petals, short curled inner petals; flowers 3½ in. across. Color coppery-orange with mahogany-bronze center. Pkt., 10c; ⅛ oz., 25c.

Improved Campfire—Rich orange flowers with a scarlet sheen. Pkt., 15c; 3 for 40c.

Double Giant, Mixed—All colors. Pkt., 5c; ½ oz., 20c.

CACTUS—All Forms Mixed—Directions on each package. Pkt., 10c; ⅛ oz., 50c.

CALAMINTHA (HP)—**Alpina**—Succeeds well in dry ground in a sunny position; small blue flowers in June; 6 inches. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Super Giant Aster—"Los Angeles"

CALLIOPSIS (A)

Drummond's Golden Crown—1 ft. Large, orange-yellow flowers on wiry stems. Pkt., 10c; ¼ oz., 25c.

Finest Mixed—Pkt., 5c; ¼ oz., 25c.

CAMPANULA (Canterbury Bells)

Calycanthemum (Cup and Saucer) (B)—2 ft. June to August. White, Pink, Blue, and Mixed. Pkt., 10c.

Annual Canterbury Bells, Best Mixed (A)

—Bloom within six months from sowing seed. 2½ ft. tall, having 6 to 8 good spikes. Seed only, pkt., 10c; ⅛ oz., 30c.

Glomerata (Clustered Bellflower) (HP)—20 in. Deep blue flowers. Plants only.

Persicifolia (Peach Bells) (HP)—2 ft. Large, bright blue flowers. Pkt., 25c.

Pyramidalis (Blue Chimney Bellflower) (HP)—Pkt., 10c.

Rotundifolia (Blue Bells of Scotland) (HP)—1 ft. Clear blue. Most suitable for rockery slopes. Pkt., 15c.

Plants of any of above, 3 for 60c; doz., \$1.80; postpaid.

CARDINAL CLIMBER (A)—Very attractive, rapid grower, attaining a height of 25 feet, with beautiful fern-like foliage, covered with very cardinal red flowers until frost. Pkt., 10c; ¼ oz., 35c.

CARNATIONS

Giant Marguerite Mixed (A)—Begin to flower in a few weeks from time of sowing. Pkt., 10c.

Hardy Border, Double (HP)—Large double flowers bloom freely the second season.

Yellow and Mixed—Plants only, 3 for 60c; doz., \$1.80; postpaid.

CELOSIA (Cockscomb) (A)

Chinese Woolflower (Childsii)—Well-branched plants, each tipped with a round, woolly flower head. Pkt., 10c; ⅛ oz., 30c.

Dwarf Crested Mixture (Cristata)—Pkt., 10c; ⅛ oz., 30c.

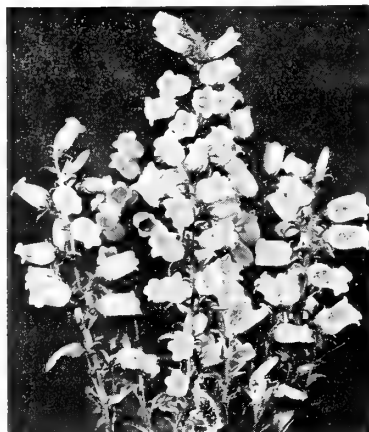
Pride of Castle Gould—Large, fluffy, ostrich-feather-like plumes of yellow, scarlet, crimson, and orange in mixture. Pkt., 15c; ⅛ oz., 50c.

Plumosa, Finest Mixed—2½-3 ft. Pkt., 10c; ⅛ oz., 20c.

CERASTIUM (HP)—**Tomentosum (Snow in Summer)**—4 inches. Silvery white foliage, covered with snow-white flowers in early Summer. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.



Celosia Plumosa



Canterbury Bells



Pacific Hybrid Delphiniums

CENTAUREA

Candidissima (Dusty Miller) (A)—10 inches thick, silvery white leaves. Should be sown early. Pkt., 10c; 1/8 oz., 35c.

Cyanus (Double Flowering Mixed)—2 ft. Most valuable flower for the border, beds, and for cutting. Pkt., 10c; 1/4 oz., 20c.

Dealbata (HP)—2 ft. Large and striking rose-pink flowers in June and July. Feathery foliage. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Imperialis (Sweet Sultan Mixed) (A)—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance. Pkt., 10c; 1/4 oz., 25c; oz., 70c.

New Jubilee Gem (A)—Charming, compact plants, about 1 ft. tall, literally covered with dark but vivid blue flowers. Beautiful in edgings, borders, rock gardens, and pots. Pkt., 10c; 1/8 oz., 30c.

Montana Blue (Hardy Corn Flower) (HP)—2 feet. June-September. Beautiful blue. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

CHEIRANTHUS (Siberian Wallflower) (HP)—**Golden Bedder**—Same habit and form as Allioni except its flowers are light yellow, blending well with Tulips of the more delicate shades. Seed only, pkt., 15c.

CHELONE (Shellflower) (HP)—**Barbata Torrey**—2-4 feet. Terminal spikes of brick-red flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

CHRYSANTHEMUM (A)—**Finest Mixture, Doubles and Singles**—Pkt., 10c; 1/4 oz., 20c.

CLARKIA (Elegans Double) (A)—The flowers are best described as resembling sprays of Double Flowering Almond. Seed stocks very limited. **Finest Mixed**—Pkt., 10c.

COBAEA SCANDENS (Cathedral Bells) (A)—30 ft. Handsome, rapid growing climber; flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edgewise. Pkt., 10c; 1/4 oz., 25c.

COLUMBINE (Aquilegia) (HP)

Scott Elliott Long-Spurred Hybrids—A wonderful mixture containing all the beautiful tints and tones and color combinations, hardly two being exactly alike. Pkt., 15c; 1/8 oz., 50c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Double Flowering—Mixed. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

COREOPSIS (HP)

Lanceolata Grandiflora—2 ft. Large, orange-yellow flowers on long graceful stems. Bloom incessantly. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Sunburst—Striking New Large Double Golden Yellow—Grows 24-30 inches high. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

COSMOS (A)

Early Flowering Single Mammoth—Mixed colors. Pkt., 10c; 1/4 oz., 20c.

Late Giant Single Flowered—Mixed colors. Pkt., 10c; 1/4 oz., 20c.

Double Early Flowering—Best mixed. Beautiful double flowers of good size, long stems. Pkt., 15c; 1/8 oz., 50c.

Early Orange Flare—4 ft. Popular everywhere. Beautiful golden-orange flowers from July till frost. Pkt., 10c; 1/8 oz., 30c.

Sensation, Early Mammoth Flowering—Flowers 4-6 inches across will bloom in 8 to 10 weeks after sowing. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

CYNOGLOSSUM (Chinese Forget-Me-Not) (A)—**Firmament**—15-18 in. tall. A new dwarf type of Chinese Forget-Me-Not with rich flowers of vivid indigo blue. Bronze Medal Winner. Pkt., 10c; 1/8 oz., 40c.

CYPRESS VINE—15 ft. A graceful, twining annual climber with delicate, fern-like foliage and a profusion of star-shaped blossoms. Scarlet and white mixed. Pkt., 10c; 1/2 oz., 25c.

DAHLIAS—Easy to grow from seed, blooming the first season if sown early; the single sorts bloom from seed sown as late as June.

Coltness Hybrids, Mixed—Single flowers, dwarf plants, 18 inches. Pkt., 15c; 1/16 oz., 35c.

Unwin Hybrids, Mixed—Miniature double colorful flowers; plants 18 in. Pkt., 15c; 1/16 oz., 35c.

Double, All Types, Best Mixed—Pkt., 10c; 1/16 oz., 30c.

See pages 49-50 for Dahlia Roots.

DELPHINIUM (HP)

Wrexham Hybrids, Mixed—Enormous spikes set with large single or double blooms in all the glorious shades of blue found in Delphinium. Pkt., 25c. Plants, 3 for 90c; doz., \$3.00; postpaid.

New Pacific Hybrids—This strain is a most wonderful development. Acclaimed by amateurs and professionals alike as the most prominent and outstanding strain in America. We furnish the following colors:

Blue Shades—100 seeds, 50c; **Pastel Shades**—100 seeds, 50c; **Double**

White Giants—100 seeds, 75c.

Plants of any of the above, 35c each; 3 for 90c; \$3.00 per dozen. If by mail, add 5c per plant, 30c per dozen extra for postage.

CANDYTUFT (A)—For massing with taller plants or for border edgings.

Giant Hyacinth-Flowered White—1 ft. Large spikes of snow white flowers, sturdy and compact. Pkt., 10c; 1/4 oz., 30c.

Dwarf Hybrids, Mixed—6 in. Compact growth, covered with large flowers. Wide color range. Pkt., 10c; 1/4 oz., 25c.

Umbellata Finest Mixed—1 ft. Pkt., 10c; 1/4 oz., 25c.

CANARY BIRD VINE (A)—A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. Does well in shade. 15-20 ft. Pkt., 10c.

DIANTHUS (Pinks) (Garden Pinks)
New Laciniatus Splendens (A)—Flowers over two inches across, in a brilliant shade of crimson, with a large glistening white eye. Pkt., 15c; 1/8 oz., 30c.
Best Single Mixed (A)—Pkt., 5c; 1/4 oz., 25c.
Best Double Mixed (A)—Pkt., 10c; 1/4 oz., 30c.
Caesius (Cheddar Pink) (HP)—Attractive compact tufts only a few inches high, from which spring the sweet-smelling, rose-colored flowers in great profusion. Pkt., 25c.
Deltoides (Maiden Pink) (HP)—8 in. Delicate pink blossoms carried above fine, feathery foliage. Pkt., 25c.
Graniticus (HP)—Grows about 4 in. high; forms a dense carpet, covered in May and June with bright crimson flowers. Plants only.

Plummaris (HP)—Very desirable sweet-scented, low-growing, early blooming and free flowering. **Single Mixed** and **Double Mixed**. Pkt., 10c.
 Plants of any of the above marked "HP", 3 for 60c; doz., \$1.80; postpaid.

DIGITALIS (Foxglove) (B)—The flowers are shaped and spotted like Gloxinias; 3-4 ft. tall. Splendid for beds and borders. Seed should be sown every year for continuous display. Bloom June and July.

Gloxiniaeflora Mixture—Contains several choice colors, including purple, rose, and white, some spotted. Pkt., 10c.

Gloxiniaeflora Rosea—Tall spikes of rose-pink flowers. 3 to 4 ft.

Plants of above, 3 for 60c; doz., \$1.80; postpaid.

DIMORPHOTHECA (African Golden Daisy) (A)—**Aurantiaca**—A showy annual daisy. The bushy plants grow 12 to 15 in. high. Flowers are 2 1/2 inches and over across, unique, rich, glossy orange-gold with dark disc and halo. In bloom all Summer and Fall. Pkt., 10c; 1/8 oz., 25c.

DOLICHOS (A)—**Hyacinth Bean**—A rapid-growing annual climber with showy pea-shaped flowers followed by ornamental seed pods. Sow in the garden in May where to remain. 10 ft. high. Pkt., 10c; oz., 25c.

DORONICUM (HP)—**Caucasicum**—Large, bright yellow, daisy-like flowers on 2 ft. stems. Fine for cutting, as it carries well and stands a long time in water. Plants only, 3 for 60c; doz., \$1.80; postpaid.

ESCHSCHOLTZIA (California Poppy) (A)
Aurantiaca (Orange King)—Rich golden orange. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

Ramona Hybrids Mixed—Flowers beautifully frilled and fluted. Plants are more dwarf and attractive than the regular strains. Pkt., 10c; 1/8 oz., 30c.

Mixed, all colors—Many shades. Pkt., 5c; 1/4 oz., 20c.

New Scarlet Beauty—Large flowering, semi-double type, a brilliant deep, bright cerise-scarlet, suffused terracotta at base. Pkt., 20c; 1/8 oz., 35c.

EUPHORBIA—**Variegata** (Snow on the Mountain) (A)—The flowers are inconspicuous; the foliage, however, is attractive; veined and margined with white. 2 ft. Pkt., 5c; 1/4 oz., 25c.

FEVERFEW (Matricaria) (HP)—**Little Gem**—Border plant and valuable Summer cut flower, with double white flowers; June until October; 18 in. high. Pkt., 10c.

FOUR O'CLOCKS (Mirabilis) (A)—**Marvel of Peru**—2 ft. Mixed colors—Pkt., 5c; oz., 20c.

GAILLARDIA (Blanket Flower)
Grandiflora Mixed (HP)—Variegated with shades of red and yellow. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
Sun God Improved—Here we have one of the finest Gaillardias. Stems 2 ft. tall with beautiful chamois-yellow flowers. Blooms entire Summer. Trade pkt., 50c. (Plants next year.)

Lorenziana Double Perfection Mixed (A)—From early Spring until late Fall a continuous profusion of brilliantly colored flowers in rich shades of red and yellow. Sow where they are to remain. Pkt., 10c; 1/4 oz., 25c.

GERANIUM (Crane's Bill)—**Sanguineum**—A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season. 18 in. Plants, 3 for 80c; doz., \$1.80; postpaid.

GEUM (HP)—**Mrs. Bradshaw**—Large, double, rich scarlet blooms produced from May to September. Ht., 15-18 in. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

GODETIA (A)—People who live in higher valleys where the Summers are not too hot will find these showy flowers unexcelled.
Duke of York—Glistening rich scarlet, edged with white.

New Kelvedon Glory—A glowing salmon-orange.

New Double Sybil Sherwood—Bright salmon-pink, softened by an undefined edging of white.

Any of above, Pkt., 15c; 1/8 oz., 30c.

GOURDS (Climber) (A)
Small Fruited Varieties, Mixed—Pkt., 10c; 1/2 oz., 20c.

All Varieties, Mixed—Pkt., 5c; 1/2 oz., 20c.

GRASSES (Ornamenta) (HP)

Erianthus Ravennae (Pampas Grass)—10-12 ft. high, frequently throwing up 30 to 50 flower spikes, topped with silvery plumes. 50c each; postpaid.

Eulalia Japonica—Long, narrow, graceful green foliage with attractive silvery grey plumes 6-7 ft. high. 40c each; postpaid.

Eulalia Gracillima Univittata (Japan Rush)—Graceful, narrow foliage, bright green in color, with silvery mid-rib. 6-7 ft., fine plumes. 40c each; postpaid.

Festuca Glauca (Blue Fescue Grass)—Narrow blue-green leaves. 1 ft., 3 for 60c; doz., \$1.80; postpaid.

GYPSOPHILA

Elegans (A)—2 ft. Large, pure white. Several sowings should be made to keep up a supply. Pkt., 10c; 1/2 oz., 20c; oz., 30c.

Elegans Delicate Pink (A)—A pretty bluish-pink form of the above. 18 in. Pkt., 10c; 1/2 oz., 20c.

Paniculata Flore Pleno (HP)—Improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. 2-3 ft. July-August. Not quite fixed, but about 25 per cent come true. Seed only, pkt., 25c.

Paniculata (Baby's Breath) (HP)—2-3 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Repens (HP)—Dwarf white Baby's Breath. Splendid in rockery. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.



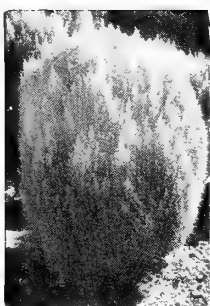
Digitalis
(Foxglove)



Dimorphotheca
Aurantiaca



Eschscholtzia
(California Poppy)



Kochia (New Giant)



All Double Marigold



Lupinus, New Hartwegi Giants



Larkspur, Stock

HELIANTHUS (Rock or Sun Rose) (HP)—**Mutable**—Exceedingly pretty, low growing, evergreen plants about 12 in. high, forming broad clumps which during their flowering season, June and July, are quite hidden by a mass of bloom. **Choice mixed varieties.** Pkt., **10c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

HEMEROCALLIS (HP)

Flava (Yellow Day Lily)—Fragrant, deep lemon-yellow flowers in June and July; 2½ to 3 feet. Plants only, 3 for **60c;** doz., **\$1.80;** postpaid.

Hyperion—Flowers are a fine citron-yellow, produced in great number on stout stems about 40 in. tall. Experts consider Hyperion the finest Hemerocallis to date. Grows in dry, wet, sunny or shady places. Blooms July and August. Plants, **75c** each; 3 for **\$2.10.**

HELICHRYSUM (Strawflower) (A)—Helichrysums are an ornament to the garden when growing and are everywhere prized for the winter bouquets.

Mixed, all colors—Pkt., **10c;** ¼ oz., **25c.**

HELIOTROPE (A)—**Mammoth Mixed**—Large flowers, ranging in shade from dark blue to lilac. Pkt., **10c;** ½ oz., **40c.**

HEUCHERA (Alum Root) (HP)—**Sanguinea**—2 ft. July-August. Long stems of large crimson-scarlet flowers. Splendid for cutting. Seeds, pkt., **25c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

HIBISCUS (Malloes) (HP)—Shrub-like plants with handsome green foliage, bearing throughout Summer large, bright flowers, from 3 to 5 inches in diameter. August-Sept. Very hardy. Suitable for garden and indoor use when cut 3 to 5 feet high.

Mixed Mallow Marvels—Grand assortment. Seed pkt., **10c.** Plants, 3 for **85c;** postpaid.

HOLLYHOCKS—**Double Varieties** (HP)

Crimson Rose Salmon Yellow
Maroon Red White Mixed

Any of above, pkt., **10c;** ½ oz., **35c;** ¼ oz., **60c.**

Single Varieties Mixed (HP)—Becoming increasingly popular as people are now realizing that the single flowering sorts have a distinct beauty and charm of their own. Pkt., **10c;** ¼ oz., **25c.**

Indian Spring (A)—All-America Selection 1939. Blooms the first year in less than five months after seed is sown. Semi-double, crinkly edged, rose-pink flowers are borne profusely for several weeks during the Summer. Normally 3½-4 ft. Pkt., **15c;** ½ oz., **35c.**

HUNNEMANNIA (A)—**Sunlite**—Gorgeous, semi-double, clear canary-yellow blooms. The extra rows of short petals are on the outside instead of the inside of the tulip-shaped flowers. Light gray-green foliage. Pkt., **10c;** ¼ oz., **50c.**

IBERIS (HP)

Perennial Candytuft—Dwarf evergreen plants, 6 to 10 inches, covered with blooms in Spring and early Summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

Gibraltarica—Pinkish white. Seed, pkt., **10c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

Sempervirens—Flowers form a sheet of whiteness. Seeds, pkt., **15c.**

Iris—See page 48.

KOCHIA (A)—**Childsii** (Burning Bush)—Grows 2 to 2½ ft. high and resembles a close-clipped ornamental evergreen. In Autumn becomes blood-red, whence the name of Burning Bush, etc. Pkt., **10c;** ½ oz., **20c.**

KUDZU VINE (Jack and the Bean Stalk) (HP)—Attains a growth of 40 ft. in one season. Makes dense shade as its leaves are large. Blooms pea-shaped, color rosy-purple. Pkt., **10c;** ¼ oz., **25c.**

LATHRUS LATIFOLIUS (HP)

Everlasting Pea—Very decorative climbing vines of the pea family for growing on fences, trellis, etc. Bloom all Summer.

Pink, White, Crimson and Mixed—Pkt., **10c;** ¼ oz., **25c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

LARKSPUR (Giant Imperial) (A)—This type has superseded all others for florists' and garden use. The delphinium-like spikes of double flowers, carried on stems 4-5 ft. long, are compactly placed on the upright growing plants, requiring only about one-half the space needed for the old stock flowered type of Larkspur.

Rosalind—(See color page 20.)

Blue Bell—Blue.

Lilac Spire—Lilac.

Carmine King—Carmine.

Los Angeles—Salmon.

Daintiness—Lavender.

Peach Blossom—Pink.

Exquisite Rose—Pink.

White Spire—White.

Giant Imperial Mixed—These and others.

Price—Any of above, pkt., **15c;** 3 for **40c;** ¼ oz., **35c.**

LIATRIS (Blazing Star) (HP)

Pysnostachya—Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August. 5 ft. Seeds, pkt., **10c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

Lily-of-the-Valley—See page 48.

LINARIA (HP)

Cymbalaria (Kenilworth Ivy, or Mother of Thousands)—Lavender and purple. Hardy trailing plant, suitable for baskets, vases, pots and rock work. Seeds only, pkt., **10c.**

Dalmatica—Large, bright yellow flowers, borne at the tops of the branches in a long, loose spike; 3 to 4 ft. June-September. Seeds pkt., **10c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

LINUM (Flax)

Perenne (Blue Flax) (HP)—A desirable plant for the border or rockery, growing 1½ feet high, with light graceful foliage and large, blue flowers all Summer. Pkt., **10c.** Plants 3 for **60c;** doz., **\$1.80;** postpaid.

Grandiflora Rubrum (Crimson Flax) (A)—2 feet. Brilliant glowing crimson-rose. Blooms from May to October if sown successively. Pkt., **10c;** ¼ oz., **20c.**

LOBELIA (A)—**Crystal Palace Compacta**

—6 inches. Rich, deep blue, dark foliage; Finest for beddings. Pkt., **10c;** ½ oz., **45c.**

LUNARIA (Honesty) (A)—**Annus** (Bien-

nis) (St. Peter's Penny)—Flowers purple, followed by silvery seed pods, prized for winter decoration. Annual but readily self-sows. Pkt., **10c;** ¼ oz., **25c.**

LYCHNIS CAMPION

Chalcedonia (Jerusalem Cross) (HP)—A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. Pkt., **10c.** Plants, 3 for **60c;** doz., **\$1.80;** postpaid.

Marvel of Peru—See Four O'clocks.

LUPINUS (Lupine)—Seed should be "nicked" for good germination.

New Hartwegi Giant, Mixed Colors (A)

—A marked improvement. Grow 3-4 ft. tall; branches from the base; has 4-6 spikes to a plant, with larger, more profuse blooms. Pkt., **10c;** ¼ oz., **25c.**

Polyphyllus Mixed (HP)—Pkt., **10c.**

Russell (HP)—Contains many new colors and shades never before seen. Pkt., **20c.**

MARIGOLD (A)

New Goldsmith—All-America Winner. (See color page 19.) Pkt., 25c; 1/16 oz., 50c.

Gigantea Sunset Giants (Full Double Mixture)—A remarkable new sweet-scented, robust grown, extremely large flowered type, ideal for show purposes, florist use and garden decoration. Pkt., 10c; 1/8 oz., 50c.

Guinea Gold—Produces 30 to 40 flowers, 2 to 2½ inches across, of a brilliant orange flushed with gold. Pkt., 10c; 1/4 oz., 30c.

African Orange Alldouble—Splendid orange. Almost one hundred per cent double. Pkt., 15c; 1/8 oz., 35c.

African Lemon Alldouble—A clear lemon yellow. Pkt., 15c; 1/8 oz., 35c.

African Tall Mixed—Extra large double flowers. Pkt., 5c; 1/4 oz., 25c.

Dwarf French "Royal Scot"—Double flowers of mahogany and gold in stripes radiating from center of the flower. Pkt., 10c; 1/8 oz., 30c.

Dwarf French Double Monarch Strain—A greatly improved strain, very compact with large double flowers in a wide range of colors in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; 1/4 oz., 25c.

Dwarf French Double Harmony Hybrids—100% All Double flowers average 1¾ inches in diameter; plants are 12-14 inches in height. One of the outstanding introductions of the season. Pkt., 15c; 1/4 oz., 50c.

Legion of Honor—Dwarf single flowers of rich golden-yellow, marked with velvety-brown. Best for edging. Pkt., 10c; 1/4 oz., 25c.

Signata Pumila (Gnome)—6 in. A dwarf, compact, bushy plant, with beautiful, delicate fern-like leaves, densely covered with single flowers of bright golden-yellow. Pkt., 10c; 1/4 oz., 40c.

MOON VINE (Ipomoea) (A)—**White Flower**—Covered with large, white flowers every evening and cloudy day. Start seeds inside. Pkt., 10c; 1/2 oz., 30c.

MORNING GLORIES (A)

Heavenly Blue Early Flowering—Finest of all. Measure 3½ to 4 inches across; deep blue with white throat. Pkt., 10c; 1/4 oz., 30c.

Scarlet O'Hara—An entirely new color, rich dark rosy-crimson. Of good size, about 4 inches in diameter. Gold Medal All-America 1939. Be sure to file or soak seed to hasten germination. Pkt., 25c; 1/4 oz., 50c.

Tall Climbing Varieties—Mixed, all colors, pkt., 5c; 1/2 oz., 15c; oz., 25c.

MIGNONETTE (A)—**Machet**—Best for all purposes. An everbloomer, lasting late in the Fall. Pkt., 10c; 1/4 oz., 25c.

MYOSOTIS (Forget-Me-Not) (B)—They are considered among the best spring flowers. Respond to good treatment and flourish in shady, moist situations. Seed stock limited.

Alpestris Royal Blue—Compact deep blue. Pkt., 10c.

Palustris Semperflorens (HP)—Dwarf blue, in flower from early Spring until Autumn. Seeds, pkt., 20c. Plants, 3 for 60c; doz., \$1.80; postpaid.

NASTURTIUMS (A)

NEW DOUBLE SWEET SCENTED SEMI DWARF

Golden Gleam—A blaze of golden yellow.

Indian Chief (New)—Brilliant scarlet, dark foliage. The contrast of foliage and flower is unusually striking.

Many authorities believe it will soon become as popular as Golden Gleam. Pkt., 10c; oz., 30c.

Scarlet Gleam—Fiery orange-scarlet.

Gleam Hybrids—A gorgeous color array.

Any of above—Pkt., 10c; oz., 20c; postpaid.

DOUBLE DWARF GLOBE SWEET SCENTED

New Golden Globe—Deep golden yellow. Pkt., 15c; oz., 25c.

New Scarlet Globe—Cerise-scarlet. Pkt., 15c; oz., 40c.

Best Tall Single Mixed—Pkt., 5c; oz., 15c.

Best Dwarf Single Mixed—Pkt., 5c; oz., 15c.

NEPETA (Ground Ivy) (HP)—**Mussini**—Neat bushes of small lavender-like foliage covered with spikes of lavender-blue. For beds, edging or Rock Garden. May to September. Seeds, pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.

NICOTIANA (Sweet Scented Tobacco Plant) (A)—**Mixed Colors**. Easy to raise and most effective. The flowers open toward evening and emit a powerful perfume. 2 ft. Pkt., 10c; 1/4 oz., 30c.



Giants of California

PETUNIAS

FRINGED GIANT FLOWERING TYPES

Dwarf Fringed Giant Mixed (Ramona Strain)—Dwarf, ruffled and fringed, with open, well-marked throats. Pkt. (200 seeds), 35c.

Giants of California, Florist Strain—These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds), 25c.

Super Fluffy Ruffles—So ruffled and frilled that the flowers have the appearance of being double. Flowers are very large with a large throat. A well-balanced mixture of outstanding beauty is the loveliest frills and ruffles imaginable. Pkt., 25c.

Super Ruffled Monsters—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt. (250 seeds), 40c.

Theodosia—Large, fringed rose-pink with gold throat. Highly recommended. Pkt., 25c.

Blue Brocade—All-American Winner. See color page 19.

NEW ALL-DOUBLE DWARF VICTORIOUS

Compact plants covered with glorious large blooms which come practically 100 per cent double. The graceful fringed edges add a charming touch. Brilliant blooms in a wonderful range of color. Pkt. (100 seeds), 50c.

PLAIN-EDGED GIANT FLOWERING TYPES

Burgundy—Deep Burgundy-red, enhanced by a rich velvety sheen. The white throat, veined purplish red, creates a pleasing contrast. Flowers measure 3½ in. Pkt., 20c; 3 pkts., 50c.

Elk's Pride (Improved Purple Prince)—Largest, darkest, and best velvety purple. Pkt., 25c.

SINGLE BEDDING PETUNIAS

Hybrida Radiance—All-America Winner. Pkt., 25c; 1/32 oz., 50c.

Celestial Rose (Improved Rose of Heaven)—More compact in growth and deeper. A beautiful, rich, satiny rose. Pkt., 15c; 1/16 oz., 50c.

Topaz Rose—Fiery rose. Pkt., 15c; 1/8 oz., 50c.

General Dobbs—Crimson. **Violet Queen**—Violet-blue.

Snowball—Pure satiny-white.

Price—Any of above. pkt., 10c; 1/8 oz., 50c.

P.-W.'s Single Mixed Bedding—Pkt., 10c; 1/8 oz., 30c.

Rose Gem—New dwarf single miniature. Grows 5 to 6 inches high; rich, rose-colored blooms. Pkt., 20c.

Velvet Ball (Nana compacta)—Height about 8 inches, with a spread of 8 to 10 inches. Blooms about 2½ inches in diameter of a deep luscious shade of velvety blood-red. All-American Selection 1939. Pkt., 25c.

BALCONY PETUNIAS

Trailing habit. Most excellent for window or porch boxes.

White—Pure white. **Red**—Very brilliant.

Rose—Rose, white throat. **Blue**—Rich shade.

Mixed—All colors.

Any of above, pkt., 15c; 1/16 oz., 50c.

- NIEREMBERGIA HIPPOMANICA** (Dwarf Cup Flower) (A)—Dwarf, compact plants, 5-6 in. tall and with an 8-10 in. spread, are literally covered with clear lavender-blue, cup-shaped flowers throughout the Summer. Unexcelled for edging, borders, rockeries, and window boxes or flower pots. Pkt., 25c; 1/128 oz., 60c.
- NIGELLA** (Love in the Mist) (A)—Miss Jekyll—1½ ft. A lovely variety, bearing on long stems large, semi-double flowers of a lovely, tender blue, nestling in fine, feathery foliage. Pkt., 10c; ¼ oz., 15c.
- NEMESIA** (A)—Large Flowering Mixture—Pleasing masses of low growth for beds and edging. The lovely orchid-like flowers bloom throughout the Summer and Fall in a wide range of colors. Do best in a cool position. Pkt., 15c; ⅛ oz., 40c.
- PANSIES**
- P.-W.'s Giant Inter-National Mixture**—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. Pkt., 25c; 1/16 oz., \$1.00.
- Roggli's Swiss Giant**—Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across. Largest and best of all Giant strains. Pkt., 50c; 1/16 oz., \$1.00.
- Steele's Miracle Mixed**—This is one of the most colorful mixtures of mammoth flowering pansies of which we are familiar. Pkt., 25c; 1/16 oz., 75c.
- Good Bedding Mixed**—Free flowering, blossoms slightly smaller than the Giant sorts. Pkt., 10c; ⅛ oz., 30c.
- Scotch or Tufted Pansies** (*Viola Cornuta*)—Bloom all Summer from seed sown in early Spring, and are valuable for rock gardens, edging beds and borders. Require protection during winter. Height, 3-6 inches.
- Blue, Violet, White, Yellow, Rose and Mixed**—Pkt., 10c; 1/16 oz., 50c.
- PENTSTEMON** (Beard Tongue)—These bloom persistently through the Summer; very useful for cut flowers or for color masses.
- Large Flowering Newest Hybrids** (HP)—Splendid asst. colors. Seeds, pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- PHLOX**
- P.-W.'s Drummondii**—Well-branched plants, 15 inches high with large heads of bloom. Seed stocks limited.
- New Rosy Morn**—See page 20.
- Alba**—Pure white
- Coccinea**—Scarlet
- Chamois Rose**
- Isabellina**—Yellow
- Violet**
- Mixed**
- Any of above, pkt., 10c; ⅛ oz., 50c.
- Dwarf Phlox Mixed** (*Nana compacta*)—Dwarf, compact plants grow about 6 in. tall. Excellent for beds, borders, rockeries, pots or window boxes. Pkt., 15c; ⅛ oz., \$1.00.
- Perennial Phlox**—See page 48.
- PHYSOSTEGIA** (HP)—*Virginiana*—Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-Sept. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; pstpd.
- PLATYCODON** (HP)—*Grandiflorum*—1-2 feet. Large handsome, deep blue flowers. Seeds, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- POLEMONIUM** (Jacob's Ladder) (HP)
- Coeruleum** (Greek Valerian)—2 feet. Beautiful sky-blue flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- Grandiflorum Album**—Pure white. Pkt., 10c; ¼ oz., 25c.
- Reptans**—8 to 10 inches. April to June. Dwarf, bushy plant of graceful growth. Showy blue flowers. Seed only, pkt., 15c.
- POPPIES**
- Nudicale** (Iceland Poppies) (HP)—15 inch. Elegant free flowering plants bearing flowers in abundance all summer. Yellow, Orange, Emperor, White and Mixed—Pkt., 10c.
- Oriental Red** (HP)—For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. 3 feet. Pkt., 10c.
- Oriental Hybrids, Mixed** (HP)—Pkt., 15c.
- American Legion** (A)—Lovely, single, bright orange-scarlet blooms on white ground; 3 ft. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 70c.
- Shirley, All-Double Mixture** (A)—Re-selected all-double blooms with the full range of colors found in both old and new. Pkt., 10c; ¼ oz., 25c.
- Shirley, Single Mixed** (A)—Satin flowers of various colors. Foliage is hairy and fine cut. Pkt., 10c; ¼ oz., 20c; ½ oz., 30c.
- Special Mixture, Single and Double** (A)—Comprises all of the double and single types in an endless variety of color. Pkt., 10c; ½ oz., 25c.
- POTULACA** (A)—This plant will grow and bloom profusely in dry, hot situations, where almost any other plant will soon die. Easily transplanted.
- P.-W.'s Large Flowering Single Mixed**—Pkt., 10c; ¼ oz., 25c.
- P.-W.'s Double Mixture**—Pkt., 10c; ⅛ oz., 50c.
- POTENTILLA** (Cinquefoil) (HP)
- Aurea**—Foliage is gray-green; flowers bright yellow, freely produced throughout the Summer. Excellent for rock gardens. Does well in the shade. Plants only, 3 for 60c; doz., \$1.80; postpaid.
- Napalensis Miss Willmott**—Carmine-rose. Pkt., 25c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- PRIMULA** (HP)
- Auricula**—6 inch. Flowers in early spring in colors of yellow, brown and red. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- Veris** (*Elator*) (*Grandiflora*)—The pale yellow Oxlip, bearing flowers in umbels. An extra choice, large flowered mixture strain. Pkt., 20c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- PYRETHRUM** (HP)—Charming colors and wonderful lasting properties as cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink.
- Roseum, Double Mixed**—Extra choice. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c.
- Roseum, Single Mixed**—Pkt., 15c.
- Plants Mixed, Single and Double**—3 for 60c; doz., \$1.80; postpaid.
- ROCK GARDEN MIXTURE**—A formula mixture of Annual and Perennial types. Pkt., 10c.
- RICINUS** (*Castor Bean*) (A)—*Zanzibariensis Mixed*—10 to 12 feet. The ornamental leaves beautifully lobed are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 10c; oz., 25c.
- RUDEBECKIA** (HP)
- Hirta** (*Black-Eyed Susan*)—2-3 feet. Rich golden-yellow with central black disc. Seeds, pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- Purpurea Grandiflora**—3 ft. September; large, handsome crimson-purple flowers with dark central disc. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- SALPIGLOSSIS** (*Emperor*) (A)—2½ ft. Most attractive; should be in every garden. Each flower is veined with a glint of gold.
- Velvety Red, Violet, Golden-Yellow, Light Blue and Gold, Scarlet and Gold**. Each of the above, per pkt., 10c; ⅛ oz., 30c.
- Finest Mixed**—Large improved strain, complete range of colors. Pkt., 5c; ⅛ oz., 25c.
- SALVIA** (*Scarlet Sage*)—Stocks of seed are very limited this year.
- America, or Globe of Fire** (A)—Ask for price.
- Harbinger** (A)—Ask for price.
- Splendens** (*Scarlet Sage*) (A)—Beautiful bright scarlet; 3 feet. Pkt., 10c; ¼ oz., 60c.
- Pitcherii** (*Meadow Sage*) (HP)—One of the best of all autumn blue flowers. August and September. 4 ft. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.
- SCABIOSA** (A)—2½ feet. When the seed is kept regularly picked off, will bloom through the whole summer.
- Blue Moon** (*Imperial Giant*)—Large, fully double blooms of deep lavender-blue produced on long, strong stems, making them good for cutting. Pkt., 15c; ⅛ oz., 50c.
- Rosette**—New large flowered variety of lovely color tones. Pkt., 25c; ⅛ oz., 35c.
- P.-W.'s Giant Hybrids, Mixed**—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; ⅛ oz., 25c.

SWEET PEAS

Early Flowering Spencers (A)

This new type is in great demand by commercial florists for forcing under glass and are just as valuable for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type. If flowers are kept picked, they will continue to bloom over a period of nearly four months.

Bridesmaid—Deep silvery pink.

Fragrance—Clear lavender.

Hope—Pure white.

Laddie Improved—Long stemmed rose.

Majestic Rose—Brilliant pink.

Mariner—Clear marine-blue.

Mars—Ox-blood crimson.

Orange King—Glowing orange.

Shirley Temple—Soft rose-pink.

Price—Any of above, pkt., 15c; oz., 40c; ¼ lb., \$1.25.

P.-W.'s Early Flowering Spencer, Best Mixed—The above and many other varieties properly blended for a harmonious color effect. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

Offer No. 174

1 pkt. each of the nine varieties listed. (Reg. val. \$1.35), all postpaid for—

\$1.00

Offer No. 175

½ oz. each of the nine varieties listed. (Reg. val. \$2.70), all postpaid for—

\$2.00

Cupid or Dwarf Spencer Sweet Peas

These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late Summer are literally a sheet of bloom: mixture contains all the colors. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

P.-W.'s GIANT SPENCER SWEET PEAS (A)

We offer the very choicest and most distinct varieties, each one in its respective color, and sure to give entire satisfaction.

Ambition—Blue lavender.

Bonnie Briar—Large, sparkling rose-pink.

Capri—Clear silver blue; excellent.

Chieftain—Satin-mauve; very fine.

Floradale—A rich salmon-pink on cream ground.

Grand National—A large frilled cream.

Leviathan—Large rich maroon.

Mrs. A. Searles—Rich pink merging into Orient red.

Olympia—Rich purple.

Prince of Orange—Best deep orange.

Rubicund—Crimson scarlet; vigorous.

Ruffled Blue—Mid-blue; vigorous.

Ruffled Carmine—Bright carmine-rose.

Ruffled Rose—Rich rose.

Snow White—A solid paper white; immense flowers.

Welcome—Brilliant dazzling scarlet. Sun-proof.

Youth—Dazzling scarlet.

Any of above, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

P.-W.'s Giant Spencer Silver Gilt Medal, Mixed—The finest assortment obtainable at any price of Giant Spencers. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

Offer No. 172

1 PKT. EACH OF THE ABOVE SEVENTEEN VARIETIES. REGULAR VALUE, \$1.60, ALL POSTPAID FOR—

\$1.25

Offer No. 173

1 OZ. EACH IVORY, LAVENDER, ORANGE, PINK, AND RED. REGULAR PRICE \$1.25, ALL POSTPAID FOR—

\$1.00



Saponaria Ocymoides

SAPONARIA — Ocymoides (HP) — Very showy, hardy rock plant, producing during the summer months masses of small, bright rose flowers. 9 inches. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

SCHIZANTHUS — Dr. Badger's Improved Giant Flowered Hybrids (A)—Outstanding brilliant flowers, ranging in color from light pink to deep purple. 12-14 in. Pkt., 25c; 1/32 oz., 50c.

Mixed, all colors—Pkt., 10c; ¼ oz., 25c.

SCARLET RUNNER (A)—A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet pea-shaped blossoms. Pkt., 5c; ¼ lb., 15c.



Schizanthus



Stocks (Ten Weeks)



Sunflower
(Chry'm Fl'd)

Rock Garden Plant Offer No. 375

Consists of 24 choice plants—not less than three of one variety—our selection (Reg. Value, \$3.60). All postpaid for.....

\$2.75



"Mums" (Korean Type)



New Hardy Chrysanthemums

SHASTA DAISY (HP)

Alaska—2 ft. Wonderful show of large, white flowers. Blooms all summer. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

New Double Giant—Large white very double. Seed only, pkt., 25c.

SEDUM (HP)

Acre (Golden Moss)—May-June. Yellow. 3 in. Pkt., 25c.

Brilliant—June-July. Scarlet. 12 in.

Stolonifera—Flat, succulent leaves; flower purplish-pink. July and August. 6 inches.

Plants, any of above, 3 for 60c; doz., \$1.80; postpaid.

SIDALCEA—Rosy Gem (HP)—Suitable for sunny borders. Plants, 2-3 ft. in height. Produce showy bright rose colored flowers during June and July. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

SILENE—Schafta (HP) (Catchfly)—A charming border or rock plant, growing 4-6 inches high, with masses of bright pink flowers from July to October. Pkt., 15c. Plants, 3 for 60c; doz., \$1.80; postpaid.

STATICE (Sea Lavender)

Latifolia (HP)—2 ft. Dense branching plumes of deep blue flowers. Pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

Sinuata (A)—Pretty rosettes of foliage from which rise branching flower stems 2½ ft. high. We furnish Blue, Rose, White and Mixed. Pkt., 10c; ¼ oz., 25c.

STOKESIA—Cyanea (HP) (Stokes Aster)—18 in. July-October. Flowers rich blue, like a giant cornflower. Seed, pkt., 10c. Plants, 3 for 60c; doz., \$1.80; postpaid.

STOCKS (A)

Improved Large Flowering 10-Week Stocks—In colors as follows: white, yellow, rose-pink, crimson, light blue, dark blue, mixed. Each of above—Pkt., 10c; any 3 pkts. for 25c; ¼ oz., 50c.

Double Giant Imperial Mixed—Very early blooming; produces high percentages of doubles, 2½ ft. For both greenhouse and outdoor culture. Pkt., 15c; ¼ oz., 50c.

Evening Sweet Scented (Matthiola Bicornis)—Lilac flowers; exquisitely perfumed. Pkt., 10c; ½ oz., 20c.

SUNFLOWER—Chrysanthemum Fl. Double (A)—Majestic, immense showy flowers. 6 ft. Golden yellow. Pkt., 5c; ½ oz., 25c.

P.-W.'s Cushion Chrysanthemums

These grow about 12 inches high, forming mounds of bloom 24-30 inches across. A riot of flowers during late summer and fall. Resemble old fashioned Azaleas when in bloom. **Bronze, Rose-pink, White, Yellow.**

Price, any of above—3 plants for 75c; dozen for \$2.50. If by mail, add 5c per plant, 30c per dozen extra for postage.

Korean Chrysanthemums

These early flowering, new creations are especially fine for cold climates where the ordinary Chrysanthemum winter-kills.

Apollo, Diana, Ember, King Midas, Mars—See color page opposite.

Innocence—An effective dwarf growing hybrid for rockery or border. The single flowers measure 2½ inches across which at first are pure white but later change to soft pink.

Any of above—3 plants for 60c; dozen, \$1.75. If by mail add 5c each, 30c per dozen, for postage.

Collection Offer No. 376

2 EACH OF ABOVE SIX KOREAN VARIETIES,
Postpaid.....

\$2.00

Hardy Double Chrysanthemums

We list the earlier varieties. Through careful breeding and selecting, the time of flowering has been advanced fully a month over the older varieties. They are also far ahead in clearness and loveliness of color and are far more attractive in general. Masses of bloom from late August until snow.

Glory of Seven Oaks, Rapture, Vivid—See color page opposite.

Jean Cumming—Large flowering pure white with yellow center.

Lillian Doty—Large, rose-colored blooms; very popular and reliable.

Pompon or Button 'Mums'

Early Bronze—Golden bronze.

Ethel—Bronze red.

Irene—Pure white.

Jean Treadway—Pink.

Judith Anderson—Golden yellow.

Any of above—3 plants for 60c; dozen for \$1.75. If by mail add 5c each, 30c per dozen for postage.

OFFER NO. 377

Consists of 1 each of the above ten varieties of Hardy Double and Pompons. (Regular Value, \$2.30). All for.....

\$2.00



Delightful Assortment of Hardy Chrysanthemums

1. **APOLLO** - Korean - Shades of bronze-red, old gold and glowing salmon.
2. **VIVID** - Double - A very striking and effective rose-crimson.
3. **EMBER** - Korean - A brilliant glowing bronze.
4. **EARLY BRONZE** - Pompon.
5. **DIANA** - Korean - Chantrelle-rose-pink, mingled with ac-rose and soft salmon.
6. **KING MIDAS** - Korean - A charming shade of soft velvet with faintest bronze shadows.
7. **MARS** - Korean - Deep amaranth-red, changing to wine red overlaid with velvety sheen.
8. **GLORY OF SEVEN OAKS** - Double - Soft but clear velvet masses of bloom.
9. **RAPTURE** - Double - Beautiful deep orange with a velvety suffusion of bright carmine.

Any 3 well established plants of above for 75c.

COLLECTION No. 378

ONE WELL ESTABLISHED PLANT EACH OF ABOVE
NINE PLANTS IN ALL

\$2.00

(At left)



P.-W.'s Selected Hardy Border and Rock Garden PERENNIALS for Permanent Color Effects

P.-W.'s Perennial Seed Offer No. 379

Consists of 1 packet each of
the 10 varieties listed below.
All prepaid for **\$1.25**

P.-W.'s Perennial Plant Offer No. 380

Consists of 1 plant each of the 10
charming varieties listed at right on
this page. Prepaid for **\$1.75**

P.-W.'s Collection Hardy Perennials

For Rock Gardens and Borders

	Seeds Per pkt.	Plants Each
ALYSSUM Saxatile Compactum. 1 ft. June. Golden.....	\$.10	\$.15
ARABIS Alpina. 6 in. Pure white flowers.....	.10	.15
AUBRIETIA Bougainvillei. 6 in. Early spring. Dark blue.....	.25	.15
DIANTHUS Deltoides. 8 in. Delicate pink, feathery.....	.25	.15
GYPHOPHILA Repens. Dwarf white Baby's Breath.....	.15	.15
NEPETA Mussini. May-September. Lavender-blue flowers.....	.25	.15
PRIMULA Auricula Alpina. 6 in. An excellent rock garden species with thick, attractive foliage, bearing many color shades.....	.20	.15
SEDUM Brilliant. 12 in. June-July, scarlet.....	.25	.30
TUNICA Saxifraga. All summer. Light pink flowers.....	.10	.15
VERONICA Rupestris Nana. 1 in. April-May. Deep blue.....	.15	.15

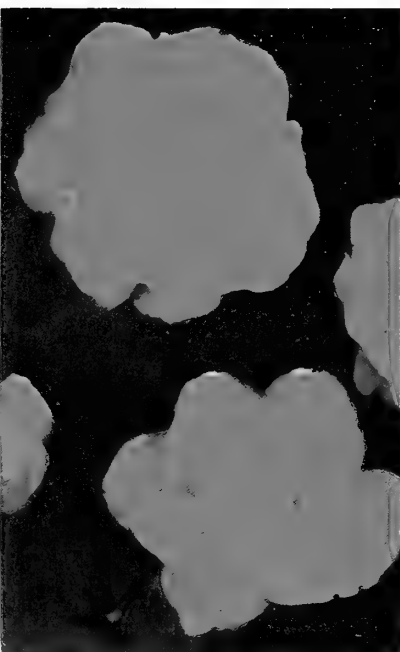
Seed is postpaid at above prices.

If plants are to be sent by mail, add 5c each for packing and postage.

New Victor (See below)

Dwarf Hardy Aster

The dwarfest of all, growing barely 9 inches tall, covered with good sized flowers of a
beautiful clear lavender-blue. Blooms early September. **Strong plants, 30c each, 3 for 75c,
dozen, \$2.50.** If by mail, add 5c each, 30c per doz. extra for packing and postage.



(Above)

Trollius

EUROPAEUS, Orange Globe.

Desirable free-flowering plants, produc-
ing their giant orange-yellow, buttercup-
like blossoms on stems 1 to 2 feet high
from May until August; succeeds admir-
ably in the border in a half-shady posi-
tion. **Strong plants, 40c each, 3 for
\$1.00, postpaid.**



Beautiful Hardy Asters

TALL TYPES—Begin blooming in September. Height 4-5 feet.

Beechwood Challenger—Very free flowering crimson red. Medium height. **35c** each; **\$3.50** per dozen.

Blue Gem—Semi-double; clear blue.

Lady Lloyd—Rosy pink with a purple sheen.

Mrs. J. F. Raynor—A strong growing crimson-red.

DWARF TYPES—Valuable for edging or rock garden. Height 9 to 12 in.

Countess Dudley—Clear pink.

Victor—Lavender-blue. **Ronald**—Lilac-pink.

Wonder of Staffa—The finest hardy aster to date. Blooms from June until frost continuously; flower 2-2½ inches across. **35c** each; **\$3.50** per dozen.

Price, any of above, except where noted—3 plants for **75c**; dozen for **\$2.50**. If by mail add **5c** per plant, **30c** per dozen extra for postage.

Collection Offer No. 381

Consists of 1 each of the above seven varieties of Hardy Asters. (Regular value \$2.80) all postpaid for.....

\$250

SWEET ROCKET (Hesperis)—**Matronalis** (HP)—Deliciously sweet scented flowers for gardens or cutting. 2-3 ft. June-August. **White** or **Red**. Pkt., **10c**; ½ oz., **35c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

SWEET WILLIAM (HP)—This charming old favorite is offered in both single and double forms. The former being the more hardy and easier culture. **Single Giant-flowered Mixed**—Pkt., **10c**. **Double Giant-flowered Mixed**—Pkt., **15c**. **Separate Colors, Single Pink and Red**—Pkt., **10c**. Plants, any of above, 3 for **60c**; doz., **\$1.80**; postpaid.

THALICTRUM—**Dipterocarpum** (HP)—Graceful sprays of dainty lilac-mauve flowers in August and September. 4 ft. high. Pkt., **25c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

THERMOPSIS—**Caroliniana** (HP)—Height 2 ft. This has three-lobed leaves, and yellow, lupine-like flowers borne in long, terminal racemes. It is of graceful growth and specially suitable for the sunny border. Plants only, 3 for **60c**; doz., **\$1.80**; postpaid.

THYMUS—**Serpyllum coccineum** (HP)—Dwarf-growing plants become completely covered with brilliant crimson-scarlet flowers. Pkt., **25c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

TUNICA—**Saxifraga** (HP)—A pretty tufted plant with light pink flowers, produced all summer. 6 in. Pkt., **10c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

TRITOMA (Red Hot Poker) (HP)—They are of stately growth, having long, narrow, grassy leaves, and bear their drooping, tubular flowers in dense spikes on long, naked stems well above the foliage.

Grandis (Pfitzeri)—Orange-scarlet; blooms Aug.-Sept. 3-4 ft. Pkt., **15c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Towers of Gold—Bold, compact, rich yellow flowers. August-September. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

VALERIANA (Garden Heliotrope) — **Coccinea** (HP)—Showy heads of old rose flowers. June-October. 2 ft. Pkt., **10c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

VERBASCUM—**Phoeniceum Hybrids** (HP)—The superior strain, colors ranging from white, pink, rose, purple, and bronze, to brown. Grow about 18 inches high. Suitable for borders or rock gardens. Plants, only 3 for **70c**; doz., **\$2.00**; postpaid.

Offer No. 382

Consists of one plant each of Canterbury Bells, Carnation, Columbine Single, Columbine Double, Coreopsis, Delphinium Wrexham Hybrids, Digitalis, Gaillardia, Hollyhock, Linum, Platycodon, Pyrethrum, Shasta Daisy, Statice and Valeriana.

Fifteen plants, regular value \$2.60, all prepaid for..... **\$200**



Tritoma Grandis

VERONICA (Speedwell)

Longifolia Subsessilis—The showiest and best of the Speedwells; forms a bushy plant 2 to 3 feet high with long, dense spikes of deep blue flowers from July to early in September. Pkt., **15c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Rupestris Nana—Creeping, forming a dark green carpet of shiny foliage which is covered with deep blue flowers in late April and early May; 3-4 inch high. Pkt., **15c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

VENIDIUM (Monarch of the Veldt)—**Fastuosum** (A)—A magnificent annual from South Africa. Sow in March or April as germination is somewhat difficult if started earlier. Plant them in a sunny position. Has large, daisy-like, orange colored flowers marked with black at the base of each petal. Attractive, woolly, grayish green foliage, 2½ to 3 feet. Pkt., **20c**; 1/16 oz., **50c**.

VINCA—Valuable for rockeries or makes a grand evergreen carpet under and about shrubs and trees.

Minor (Grave Myrtle) (HP)—4 in. June. Green foliage, blue flowers. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

VIOLA (HP)

Jersey Gem—Flowers of rich, pure violet, large and fragrant, flowering persistently all summer. Long stems; a good cut flower. Pkt., **25c**. Plants, 3 for **60c**; doz., **\$1.80**; postpaid.

Sweet Violet—Deep blue, single; extra large. Seeds, pkt., **10c**. Plants, 3 for **50c**; doz., **\$1.50**; postpaid.

YUCCA (Adam's Needle)—**Filamentosa** (HP)—5-6 ft. or more. June-July. Handsome creamy-white flowers, much branched and densely packed with bloom, with sword-like foliage. Seeds, pkt., **10c**. Plants, 3 for **60c**; doz., **\$1.80**; pstpd.

FREE

Cultural Leaflets on Flowers given on Request.

Ask for them.



Venidium Fastuosum



Yucca Filamentosa (Adam's Needle)

Colorful VERBENAS

GIANT HYBRIDS—A magnificent strain of Verbenas, of robust, compact habit and free blooming. The trusses are immense, the individual florets measure an inch in diameter. Truly superior to the smaller Hybrida varieties.

Brilliant (New)—Recognized as the best pink. The color is a rich, deep, flame rose, with a medium-sized white eye.

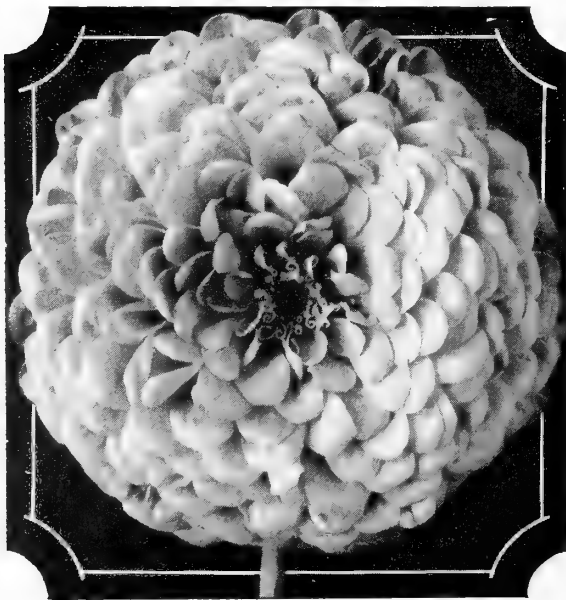
Spectrum Red (New)—An intense, bright red without eye. Its brilliance is quite dazzling.



Giant Verbena



Linearis Zinnia



Zinnia Dahlia Flowered Old Rose

Royale—Royal blue, creamy yellow eye.

Pure White—Just as the name implies.

Price—Any of above, pkt., 15c; 1/8 oz., 50c.

Brightness—See color page 15. Pkt., 20c; 1/16 oz., 50c.

Mixture of Giants—Includes the above with more shades and colors carefully blended. Pkt., 10c; 1/8 oz., 35c.

Nana Compacta Mixed—10 inch. A mixture of dwarf-growing varieties suitable for ground cover edging or rock work. Pkt., 15c; 1/8 oz., 50c.

Erinoides (Moss Verbena)—6 inch. Produces a mass of moss-like foliage, spreading over the ground like carpet, above which are borne heads of purplish-blue and white blossoms; flowers in June and continues until frost. For beds, baskets or rockeries it is highly desirable. Pkt., 10c; 1/8 oz., 30c.

Venosa (Hardy Garden Verbena)—Used for bedding, grows about 1 foot high, and covered from early summer until fall with its bright purplish heliotrope flowers. Pkt., 10c; 1/8 oz., 30c.

WALLFLOWER (HHP)—Well known, deliciously fragrant half-hardy perennials, blooming early in spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the Winter and planted out in April.

Single Mixed—All colors. Pkt., 10c; 1/4 oz., 20c.

Double Flowering Finest Mixed—Pkt., 15c; 1/8 oz., 45c.

WILD CUCUMBER (A)—Thirty feet. This is the quickest and easiest growing climber on our list. It will quickly cover an old tree or an unsightly building. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

WILD GARDEN (A) (Special Mixture)—This is a surprise collection, containing practically every annual in existence. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$1.75.

Gorgeous ZINNIAS (A)

FANTASY ZINNIAS—Plants grow about 2 ft. tall and are very profuse, blooming throughout the Summer and Fall. **Fantasy Zinnia, Mixed Colors**, pkt., 15c; 1/4 oz., 40c.

LINEARIS—Flowers single and in a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal. Plants 8-10 inches, spread of 1 foot. The most prolific bloomer of all annuals. Pkt., 15c; 3 pkts., 35c.

NEW GIANT CRESTED ZINNIA—(See front cover page.) The blooms of this grand novelty measure 4 to 5 inches in diameter with full round cushion centers surrounded by broad petals. This strain contains all shades of orange, scarlet, yellow, rose, maize, and crimson. Small pkt., 25c; Large pkt., \$1.00.

SUPER CROWN O'GOLD (Pastel Tints)—Flowers are large and showy, 5 to 5 1/2 inches in diameter. Strictly a mixture of pastel tints, it contains a wide range of pastel shades, including soft yellow, old gold, light pink, apricot pink, various shades of salmon, peach and buff, lively cerise-salmon, as well as pure white and cream. Pkt., 15c; 1/8 oz., 35c.

Lilliput, Baby or Pompon Zinnias

An especially pretty, dwarf type, 12 to 18 inches tall, blooming continuously and most profusely. The double, conical flowers are 1 to 1 1/2 in. across. Highly effective for borders. Especially desirable for table decorations.

CRIMSON GEM - CANARY YELLOW - SALMON ROSE
GOLDEN GEM - LILAC GEM - WHITE GEM

Price—Any of above varieties—Pkt., 10c; 1/4 oz., 35c.

Mixed Colors—All the above colors in mixture. Pkt., 10c; 1/4 oz., 30c; oz., \$1.00.

Black Ruby—All-American winner 1940. Pkt., 25c. (See color page 19.)

Lilliput Pastel Shades Mixed—Pkt., 20c; 1/4 oz., 40c.

ZINNIA OFFER NO 384—Collection of one pkt. each of the 6 separate color Lilliputs for only.....40c

Giant Dahlia Flowered Zinnias

The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. Abundantly produced and always in bloom during the entire season. By all odds, these are the most desirable of all the large double Zinnias. We therefore list this class only.

Canary Bird—Primrose.
Crimson Monarch—Crimson.
Dream—Deep lavender.
Exquisite—Light rose with center deeper rose.

Golden Dawn—Deep orange yellow.
Old Rose—Old Rose shade.
Oriole—Orange and gold.
Polar Bear—White.
Scarlet Flame—Scarlet.

Price—Each of the above: Pkt., 15c; any 4 pkts., 50c; 1/8 oz., 30c; 1/4 oz., 50c.

Dahlia Flowered Gold Medal Mixed—All the above and others. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 40c.

OFFER NO. 385—1 pkt. each of above nine varieties Dahlia Flowered Zinnias. (Regular Value, \$1.35).....90c

OFFER NO. 386—1/4 oz. each of any five of your selection Dahlia Flowered Zinnias (Reg. Val. \$1.50).....\$1.00

HARDY WATER LILIES—Plants

Hardy lilies are equally at home in concrete pools, half barrels, or tubs; and with a little care to prevent actual freezing of the roots, their beauty and fragrance may be enjoyed year after year. Lack of experience will not interfere with results, as water lilies "just grow" when provided with sunlight, rich soil and warm, shallow water.

If your yard is too small for a large pool, you can at least enjoy a miniature. An attractive pool can be made in a small tub which requires a space no larger than four by four feet. Even with such an improvised pool you can transform an uninteresting spot into a center of interest in your Home Grounds.

NOTE—All Water Lilies and shallow water plants can be shipped from early Spring until August, but it is best to order early so they can get a good start, also that you may not be disappointed in your selection.

Attraction—The petals are Garnet red, with almost white sepals. One of the choicest of all the water lilies. Flowers unusually large, sometimes 8 inches. One of the longest blooming hardy lilies. **\$1.50** each.

Chromatella (Yellow)—Perhaps the most popular of all. Sulphur yellow in color with broad curving petals. Blooms throughout the spring and summer months. Leaves are handsomely spotted with maroon. Vigorous, very hardy. Special featured, **75c**.

Comanche—A rich apricot, changing later to a deep coppery bronze, to a glowing red in the depths of the flower. The best of the sunset colors, and very hardy. Charming. **\$1.50** each.

Conqueror—Large flowers 8 inches in diameter. Color, cherry red, deepening with age, stamens orange-yellow, sepals almost white. Continually in bloom during the spring and summer. One of the showiest. **\$1.25** each.

Escarboucle—This is the most brilliant of all of the reds. It is a bright intense red, a vermilion with garnet stamen. A strong grower and a free bloomer. It is unquestionably one of the best. To those who have never had this variety it will prove a rare treat. **\$2.50** each.

Gloriosa—A truly remarkable red; satisfactory everywhere. Thrives under most extreme conditions. Blossoms delightfully fragrant and are often 6 to 7 inches across. The best red. **\$1.50** each.

Gonnere—Snowy white, averaging eighty petals to the flower, making a nearly full globe. The leaves are small and it does not require much room to grow, but gives an abundance of blooms. One of the very few double water lilies. **\$1.75** each.

Lucidia—A beautiful deep red hardy lily and a very free bloomer. **\$2.00** each.

Marliac Pink—Pale, pink flowers of unusual size and abundantly borne throughout the entire season. One of the most popular pinks. A good strong grower, one of the best for the amateur. **\$1.00** each.

Marliac White—Snowy white petals with bright yellow stamens. The fragrant blossoms are five to six inches in diameter. Sepals are tinted with pink. In bloom continually. **\$1.00** each.

Masaniello—Large fragrant flowers pink, dotted carmine. A strong grower and free bloomer. The flowers are cup shape. **\$1.50** each.

Pink Opal—An attractive deep pink, a medium size flower. It is one of the finest pink lilies for cut flower purposes. The buds are nearly round. When open, the petals are short, and the flower stands well above the water. **\$1.25** each.

Rose Arey—Undoubtedly one of the best of the Odorata section. A deep cerise-pink sometimes reaching eight inches in diameter. Petals are of a starry, pointed form and very fragrant. **\$1.25** each.

Sultan—A large free blooming red flower of unusual merit. The sepals are white with red line. The flowers are of a very attractive red, deepening from rose to a cherry red towards the heart. **\$3.00** each.

Sunrise—Free blooming, clear sulphur-yellow, largest of all, often measuring eleven inches across, and carrying

the flower several inches above the water. The leaves are almost egg-shaped, with crinkled sides, deep green above, and red flecked with dark brown below. **\$2.00** ea.

Sacred Lotus—In India and China it is grown about the Temples where it is revered as a symbol of the soul. The immense pink blossoms reach a foot in diameter and exhale a sweet haunting fragrance as of musk and sandalwood redolent of the languorous East. **\$1.50** each.

Hardy Water Lilies No. 388

Consists of one each of **ATTRACTION** (red), **MASANIELLO** (pink, dotted carmine), **LOTUS** (pink). All prepaid for.....

(Regular Value, \$4.50)

\$4.00

Shallow Water Plants

Some of these plants like water up to 6 inches or more in depth and marked thus *. Others like to have their crowns just under, about 1 to 2 inches and are marked †. Some like to have their feet wet but the crowns just above the water and are marked thus ‡. They are all easy to grow, like a rich loam soil and should be planted on ledges built for them or in pots or tubs raised to the proper depth.

†**Arrow Head**—Arrow-shaped leaves with small white flowers. Excellent for bog or shallow water. **25c** each.

***Butter-cup Plant**—Bright yellow; grows along the margin in shallow water. Flowers about ½ inch in diameter and resembles a miniature yellow double button chrysanthemum. **25c** each.

†**Ribbon Grass (Variegated)**—Splendid at corners of pool or along walk. Leaves striped with white. **25c** each.

‡**Floating Heart**—Bright yellow, crepe paper-like fringed five-petalled flowers, size of a half-dollar. Leaves green blotched with maroon and floating on the water like a miniature lily. Blooms all summer, very hardy. **25c** each.

Parrot Feather—Green shoots trailing over the water, forms soft airy masses about the base of taller plants. One of the best for planting in fountain basins or along the rocks in pools. **25c** bunch.

***Water Poppy**—Cheerful yellow flowers borne in greatest profusion all summer long. Plants look like miniature Water Lilies. Grows easily and quickly. Plant plenty of them. **15c** or 4 for **50c**; **\$1.00** per dozen.

***Water Hawthorne**—Blooms incessantly, the dainty white blossoms are forked and sprinkled with tiny black anthers. It has sweet fragrance of English Hawthorne and blooms and grows here even with ice on the pool! Plant in water from 4 to 12 inches deep. Special at **35c**; 3 for **\$1.00**.

***Shell Plant**—A beautiful floating shell-like plant, sending its slender roots down into the water. Spreads rapidly. Prefers a warm, shady situation. **20c** each.

Water Hyacinth—Delicate spikes of blossoms rival an orchid for beauty. Most easily grown it flowers best when its roots are allowed to find soil 6 to 8 inches below. 2 for **25c**; **\$1.25** per dozen.

Hardy Water Lilies Offer No. 387

Consists of one each of **CROMATELLA** (yellow), **MARLIAC** (pink), and **MARLIAC** (white). All prepaid for.....

(Regular Value, \$2.75)

\$2.25

Water Plants Offer No. 389

CONSISTS OF THE FOLLOWING:

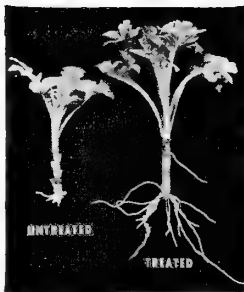
1 Arrow Head 2 Water Hyacinths
1 Ribbon Grass 1 Water Hawthorne
1 Parrot Feather All prepaid.....

\$1.00

TRANSPLANTONE

Reg. U. S. Pat. Off.

Transplantone — The vitamin-hormone plant stimulant. Just mix one teaspoonful to a gallon of water. Then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes 1000 gallons solution. 1 oz. can, **50c**; 3 oz. can, **\$1.00**; 1 lb. can, **\$4.00**, postpaid.



ROOTONE

Reg. U. S. Pat. Off.

Rootone, the plant hormone powder. For better rooting of cuttings, seeds and bulbs. Just dip cuttings into the powder before planting. To treat seeds and bulbs, just dust with Rootone before planting. 1/4 oz. package, **25c**; 2 oz. jar, **\$1.00**; 1 lb. can, **\$5.00**, postpaid.

Bone Meal—A good all-purpose fertilizer; safe and effective. We are carload shippers. Write for quantity prices. 10 lbs., **60c**; 25 lbs., **\$1.00**; 50 lbs., **\$1.50**; 100 lbs., **\$2.75**.

Iron Sulphate (Chemical)—This is a very effective remedy for Chlorosis or "yellows" as it is sometimes called, in plants and shrubs. This condition may be corrected by the application to the soil about the plant of a small quantity of Iron Sulphate. Price—1 lb., **12c**; 10 lbs., **90c**; 100 lbs., **\$5.00**; 350 lb. bbl., **\$14.00**.

Sulphate of Ammonia—Apply 100 to 500 lbs. per acre. Use only after plants are above ground. If used in liquid form, dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., **40c**; 10 lbs., **65c**; 25 lbs., **\$1.25**; 100 lbs., **\$3.00**.



*A Superb Balanced Ration for
Lawn—Flowers—Shrubs—Trees.*



For LAWNS and GARDENS

●For greater gardening success feed everything you grow with Vigoro. It supplies all 11 elements plants require from soil. Delightful to use... clean, odorless, sanitary. Most economical, too!

100 lb. bag	\$4.00	25 lb. bag	\$1.50	5 lb. pkg.	\$.45
50 lb. bag	2.50	10 lb. bag	.85	1 lb. pkg.	.10



**Cut
Flower
Food**

Adds 2 to 5 days to the life of cut flowers. No recutting of stems. No change of water. Bloomlife comes complete — ready to use — nothing to add. Works in any water, whether hard, soft, or full of chlorine-iron. Pkg., **10c**.

Granulated Peat Moss

Valuable soil conditioner. Adds organic matter; conserves moisture and aerates, used for mixing in soil for pot plants, window boxes, lawn, flower or vegetable garden; Perennial Rose beds and Evergreens. Per bale, **\$3.25**. Broken bale lots, 8 lbs., **50c**; 20 lbs., **\$1.00**; half bale, **\$2.00**.



Use Plantabbs for all indoor, potted plants. A complete, balanced plant food of the high analysis 11-15-20, plus Vitamin B-1 in each tablet.

30 tablets for.....	\$.25
75 tablets for.....	.50
200 tablets for.....	1.00
1000 tablets for.....	3.50

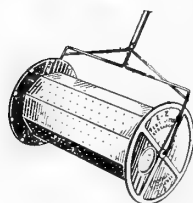
Fertilizer Spreaders

NEW LAWNETTE

A size for every need. Easy running, sturdy machines with a patented force-feed principle. Equipped with handle control and shut-off. All prices f.o.b. Salt Lake City. (Mailable.)

No. 115—Wt., 15 lbs., 16 in. spread, 30 lb. cap.....**\$7.50**
No. 15—Wt., 10 lbs., size 14 in. spread, cap. 15 lbs., ea.....**\$3.50**

E-Z Spreader gives you scientific, uniform, complete coverage speedily and economically. Simply fill container, push like a carpet sweeper—and your lawn is covered. Fertilizer need never touch your hands. Excellent for sowing your lawn seed. Orders yours to-day. Only.....**.95c**
(Add 10c for mailing)



PLEASE ADD POSTAGE

at zone rates on all items on this page not quoted postpaid, if desired by mail.

Write for Prices

Several fertilizers have been omitted for lack of space. Write for the latest market prices. Leaflets also are available for most items listed on this page; free copy sent on request.



*What are you doing
my pretty maid?*

**New
B-1 Plus
Tablets**

"I'M VITAMIZING, SIR," she said

We might add that she mixed her Vitamin B-1 solution the Thompson way — no guesswork, no measuring.

THOMPSON'S VITAMIN B, PELLETS AND SHAKE-A-DROP BOTTLE

One peller dissolved in new Shake-A-Drop Bottle makes correct basic solution. Shake one drop into a gallon of tap water for application to potted plants, flowers, shrubs. Start vitamizing your own garden now for the kind of flowers you've always dreamed of.

100 Pellets **\$1.00** (makes 2,000 gallons)
10 Pellets **.25** (makes 200 gallons)

INSECTICIDES, GARDEN TOOLS AND ACCESSORIES

From the large and varied list of garden accessories, we have selected those which we have found to be the best and the most used by our customers. **These articles are sent at the purchaser's expense unless otherwise noted.** In addition to the materials listed below, we can supply most any preparation on the market at the right price for your own use. If you do not find the brand you wish listed, ask us for a price on the quantity desired.

Bug-Dust-O-Cide

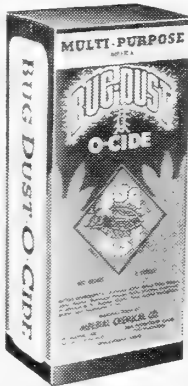
Contains Rotenone, Pyrethrum, and Sulphur. This means a triple action as a contact poison, a stomach poison, and a repellent, yet it is not dangerous to humans or domestic animals. Complete directions with every package.

Special Combination Offer

2 lb. bag Bug-Dust-O-Cide and Dust Gun.

Postpaid
\$1.00

Write for prices on quantities



Arnold Garden Hose Insecticide Sprayer

"Makes Your Spray Time Play Time"

Simply insert an Arnold solid cartridge in the sprayer and your garden hose does the work. Five to six gallons from every cartridge. Break off the amount of cartridge you think will be needed for your spray job. Arnold stands alone in high quality. Positive shut-off, improved transparent cartridge chamber with metal thread ends, 12 in. angle nozzle.

Special Sprayer, brass finish, transparent chamber\$2.50



Standard Sprayer, chromium plated, transparent chamber.....\$3.50

Special Combination, special sprayer, 6 asstd. cartridges.....\$4.25

Standard Combination, standard sprayer, 6 asstd. cartridges\$4.75

Arsenate of Lead (Powder)—The standard poison for chewing worms and leaf-eating insects. 1 to 1½ lbs. diluted in 50 gallons of water. 1 lb., 30c; 4 lbs., 70c. Write for prices on larger quantities.

Black Leaf 40 (Nicotine sulphate)—Insecticide for Aphids (lice) and other soft-bodied sucking insects. Directions for use on package. 1 oz., 35c; 5 oz., \$1.00; 1 lb., \$2.25.

Cyanogas Ant Killer—A gas-producing powder. 4 oz. spout can is enough to treat ant nests in average lawn—30c.

Cyanogas A-Dust—Kills rats, moles, woodchucks (ground-hogs) and other rodents instantly. "It's the gas that kills 'em." ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

Emo—Summer oil spray for control of white flies, mealy bug, red spider, rust mites, blister mites, and certain other insects. 8 oz., 30c; pt., 50c; qt., 70c; gal., \$1.95.

Evergreen—Kills ants and both sucking and chewing insects such as plant lice, cabbage worms, rose chafer, etc. It is harmless to humans, animals and birds. 1 oz., 35c; 6 oz., \$1.00; 12 oz., \$2.00.

Rotenone Garden Guard (Powder)—Dust for control of many sucking and chewing insects. Especially fine for garden vegetables in flower gardens. Harmless to humans and pets. 1 lb., 35c; 4 lb. pkg., 60c.

Dry Lime Sulphur—For use on fruit trees, rose bushes and nursery stock before the leaves appear in the spring for control of scale insects. Mild solutions used in control of red spider on evergreens. 1 lb., 35c; 5 lbs., \$1.45.

Kopper Queen Mildew Spray—A strong liquid copper spray for the control of mildew, leaf spot and black spot on roses, flowers, etc. No unsightly residue. Stainless. 8 oz., 35c; pt., 60c; qt., 90c.

Garden Volek—Contains nicotine and soap. A complete spray for home gardener, controlling mealy bugs, scale aphids, thrip, red spider. 3½ oz., 35c; pt., 85c; qt., \$1.25.

Bird's IMPROVED NEPONSET Flower Pots

	Wt. of 1000 pots about	Doz.	100	1000
2½-in.....	17 lbs.	\$.15	\$.75	\$ 5.50
3 -in.....	23 lbs.	.18	.90	7.50
4 -in.....	46 lbs.	.25	1.50	12.00
5 -in.....	80 lbs.	.30	2.00	15.00

(If by mail, add postage at zone rates.)



6

CARTRIDGES FOR ABOVE

Tri-O-Spray—An all-round spray; contains nicotine, copper, and arsenicals. Each, 35c; doz., \$4.00.

P-R controls many sucking and chewing insects. Each, 35c; doz., \$4.00.

Nic-O-Spray for soft-bodied, sucking insects such as Aphids. Each, 35c; doz., \$4.00.

Arsen-O-Spray for chewing insects. Each, 25c; doz., \$3.00.

Funguspray for leaf spots or blight such as controllable with a mild bordeaux. Each, 25c; doz., \$3.00.

Sulph-O-Spray for those fungus diseases such as controllable by a mild sulphur spray. Each, 25c; doz., \$3.00.

SEMESAN — Make Good Seed Grow Better

Ceresan—Dust disinfectant for wheat, oats, barley, etc. 4 oz., 30c; lb., 75c; 5 lbs., \$3.25; 25 lbs., \$14.00.

Semesan—A disinfectant for vegetable and flower seeds to reduce damping off; also treats Gladiola and other bulbs. ¼ oz., 10c; 2 oz., 35c; lb., \$2.25.

Semesan Bel—Will prevent or control the common seed borne potato diseases. 2 oz., 25c; lb., \$1.50; 5 lbs., \$6.50; 25 lbs., \$30.00.

Semesan Jr.—A dust disinfectant for seed corns. 1½ oz., 13c; lb., 75c; 5 lbs., \$3.00.

Ask for free leaflet on any of above.

Brandt's All-Metal Markers

Will not rust or corrode when marked with the B-200 marking fluid. All wire standards are approximately 18 inches in length.



Item	Price
B-200, each	25c
B-201, each	3½c
B-202, each	6c
B-203, each	5c
B-204, 5 for	5c
B-205, 4 for	5c
B-206, 3 for	5c
B-207, 2 for	5c
B-208, each	10c
B-209, each	10c
B-210, each	3½c
B-211, each	3½c



3 3/4 Gallon
Open Top \$6.25

No. 235G Climax — The biggest value in open top sprayers. Wide mouth makes easy filling, emptying, cleaning. Tested to 100 lbs. pressure.



2 1/2 Gallon
Funnel Top \$4.20

No. 120G Thrifty — The home gardener's or poultryman's choice. Light in weight and easy to handle, yet strong and sturdy. Tested to 90 lbs. pressure.

FLEXSPRABULB

Of unique construction, allowing the neck to be bent and remain at any desired angle. Sprays liquids or powders. Waters fine seed, dampens clothes, dusts pests. Each75c

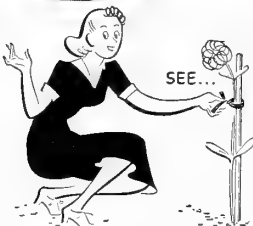
We have a sprayer for every purpose. Ask for a sprayer catalog if the kind you want is not shown here.

'TWIST-EMS'

'Twist-ems' are dark green strong tapes with wire reinforcing.

Box of 125 (8" long) or Box of 250 (4")25c
Package of 5,000 supplied Market Gardeners, Florists and Nurserymen. Ask for Quantity Price.

PLANT IS TIED



PROTECT YOUR HANDS

with these

Washable, Soft-Leather GLOVES

Give you everything you want in a garden glove.

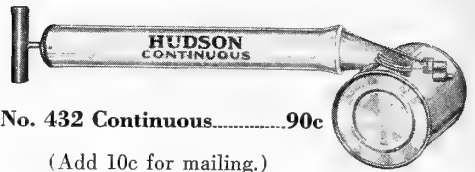
All-Leather **DIRT PROOF**
SOFT AS KID **Easy to Wear**
Durable **ECONOMICAL**

Being all-leather, Eezy Wear gloves give complete protection against dirt, scratches, bruises, stains, infections. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for—GARDENING, HOUSEWORK, PAINTING, FURNACE, GARAGE, ETC.

National
Eezy Wear
Garden Gloves

Sizes for WOMEN (small, medium, large) and MEN (small, medium, large). Price, 75 cents a pair, postpaid. (2 pr. \$1.40.)



No. 432 Continuous.....90c

(Add 10c for mailing.)



No. 765 Admiral.....\$1.25

(Add 10c for mailing)



No. 427 Critic.....\$1.25

(Add 15c for mailing)

Armstrong \$3.95
Standard

(Add 20c for mailing)



Wood Veneer Plant Bands

Ready-to-Use bands. There are no locks to put together, no tacks to drive, no folding of corners.

Your garden hose supplies both water and power. All you do is place in the jar whatever amount of insecticide you need for the job (use any insecticide requiring water solution). You receive a factory **Guarantee Bond** assuring 100 per cent satisfactory service.

(Add 15 cents for mailing)\$3.75



Size	Per 250	Wt. per M	Price per M
2x2x3.....	1.25	21 lbs.	4.00
3x3x3.....	1.40	38 lbs.	4.50
4x4x3.....	1.50	45 lbs.	5.00

If by mail add postage at zone rates. Large users write for quantity prices.

Plant Stakes

Green Bamboo Stakes—For supporting tall plants—

	Per doz.	Per 100	Per 250	Weight Per 100
2 ft. long.....	10c	60c	\$1.10	2 lbs.
2 1/2 ft. long.....	15c	65c	1.40	2 1/2 lbs.
3 ft. long.....	20c	75c	1.75	3 lbs.
4 ft. long.....	25c	90c	2.00	4 lbs.
5 ft. long.....	35c	1.35	3.00	5 lbs.

Pot Labels

	Price per 100	Price per 1000		Price per 100	Price per 1000
PAINTED			PLAIN		
4 inch.....\$.40	\$3.00		4 inch.....\$.25	\$2.50	
6 inch......55	3.75		6 inch......40	3.10	
8 inch......75	5.50		8 inch......70	5.00	
10 inch.....1.10	9.50		10"x1/8"x1" .95	8.00	

Tree Labels

	Per 100	Per M
3 1/2" Copper Wired		
Plain	.40	2.75
Painted	.50	3.25



New Glass "Sub."
you'll see **EXTRA PROFIT** through
VITAPANE

**OFFERED NOW
FIRST TIME!**

**The Latest Development
In Glass Substitutes**

Crystal Clear Transparency. Allows More Light, Permits Easy Inspection. Durable... Economical... Satisfaction Guaranteed.

**ADMITTS OVER 60% ULTRA VIOLET!
SHATTER-PROOF
WEATHERPROOF**

Won't stick, become brittle, or discolor. No wax, oil, or paraffin.

Unquestionably one of the newest and most economical glass substitutes offered to-day.

VITAPANE comes in 50-ft. rolls, 36 in. wide, packed in individual carton.

PRICE

\$9.25 per roll

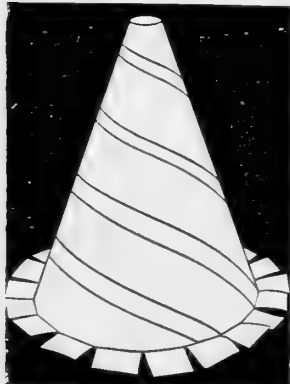
Broken roll lots at 19c per lineal foot. Prices postpaid.

SOIL SOAKER

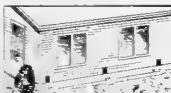


"Really Soaks Your Soil"

Four Home Sizes, postpaid — No. 0, 12 ft., \$1.25 each; No. 1, 18 ft., \$1.75 each; No. 2, 30 ft., \$2.75 each; No. 4, 50 ft., \$4.50 each.



Made of 2 sheets of cellulose acetate fused onto a quarter-inch mesh cord



**BARNs - CABINs
BOATs - PORCHES
SKYLIGHTs, ETC.**



**No. 055 Long Handle
Pruner**—28 in. overall.
Cuts 1½ in. branches.
\$2.40. (Add 15c for mailing.)

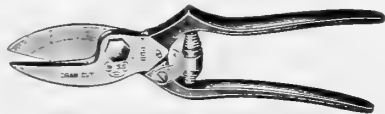


TIP-TOP TREE TRIMMERS
No. 1312—12 ft. long in four sections, strong spruce poles, positive joints, and reinforced cutting head. Rope included. Without saw, \$2.50. (Add 21c for mailing.)

No. 1300 Saw—to attach to 1312 Trimmer, \$1.00, postpaid.



No. 908—Hy-Power Pruner. New, effortless cutting action. Postpaid, \$2.10



No. 808 Unquestionably the finest professional pruner. Light weight from drop-forged steel, polished blades, comfortable grip with "no pinch" feature. \$2.65.

GRASS SHEARS



No. 701 \$1.35
(Add 10c for mailing.)



No. 607—Fine quality for light pruning. Postpaid \$1.10

No. 7—
One-piece, all
aluminum.
Each, 70c



No. T-20—
Rolled steel.
Each, 25c



No. 42J—Rust-resisting gun metal finish and non-splitting beech handles \$1.50
(Add 15c for mailing)



No. 312 California Pattern Saw—A fine, easy, fast cutter, 12 in. blade, \$1.25
(Add 10c for mailing)

BE THREE WEEKS EARLIER TO MARKET

NOTICE—On orders over 100 lbs. of one type cover, we can send direct from factory, with transportation fully prepaid. Please note on your order if direct shipment is desired.

Sage Hi-Caps

Twelve inches high, 10 in. wide, light weight, of strong construction, and properly ventilated. Most desirable for tomatoes.

Quantity	Weight	Price
20.....	2 lbs.	\$.50
50.....	4 lbs.	1.00
250.....	15 lbs.	3.75
1000.....	48 lbs.	10.50
5000, per M.....		10.35
10000, per M.....		10.25
Aluminum Setters, ea.		1.50

Crinkle Plant Covers

Perfect construction. The rounded crinkles leave nothing for the wind to grasp. These covers are made in six selected sizes to fit every plant cover need.



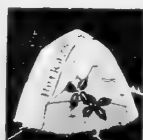
Write for details and prices. Ship. wt., 31½ lbs. per 1000.

No. 1 (6½" x 11½")	
	Per 1000
1,000	\$10.25
5,000	9.15
10,000	8.65

Hot Caps

(6 in. high, 12 in. dia.)

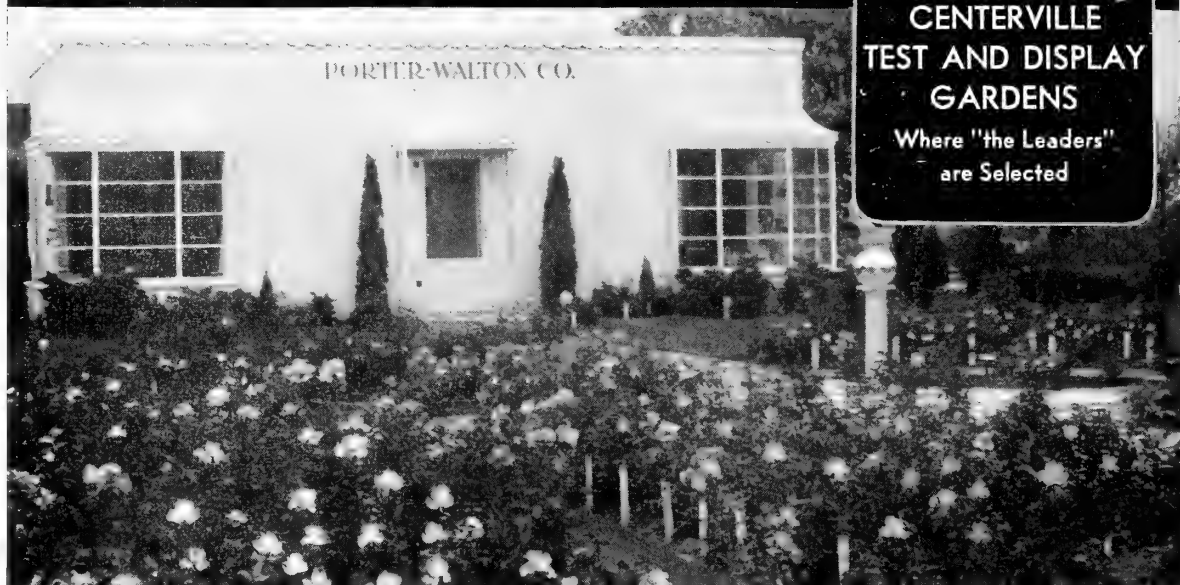
Quantity	Weight	Price
25.....	2 lbs.	\$.50
100.....	5 lbs.	2.75
250.....	9 lbs.	4.00
1,000.....	28 lbs.	10.50



Hot Caps

If what you want is not listed—ask for it—it's our business to get it for you.

P-W's Roses



**CENTERVILLE
TEST AND DISPLAY
GARDENS**

Where "the Leaders"
are Selected

THE BEST OF THE NEW EVERBLOOMING ROSES

Adoration—Long pointed buds that open gradually into modern high-centered flowers of salmon-pink illumined with an orange glow. Each, \$1.50; 3 for \$3.75.

Angels Mateu (Pat. No. 174)—Exceptionally attractive, deep old-rose flushed with orange, predominates. Growth, erect; foliage, dark green. Each, \$1.00; 3 for \$2.50.

California (Pat. applied for)—A glorious shade of ruddy orange toned with saffron yellow. A dual tone effect of indescribable richness and beauty. (See page 39.) Each, \$1.50; 3 for \$3.75.

Charlotte Armstrong (Pat. rights res.)—Spectrum red to patience pink; magnificent bud and flower. (See page 39.) Each, \$1.50; 3 for \$3.75.

Contrast—The combination of colors in this exquisite bi-colored rose catches the eye at once. The reverse of the petals is milk-white with basal bronze shading, the upper face a superb shade of orange-rose. Each, \$1.00; 3 for \$2.50.

Countess Vandal (Pat. No. 38)—The most artistic bud in rosedom, garbed in coppery bronze and pink, suffused with silver and soft gold. Each, \$1.00; 3 for \$2.50.

Crimson Glory (Pat. No. 105)—Glorious in its perfection of form, size, and fragrance. Large, urn-shaped buds open into full, well-formed blooms of deep vivid crimson; continuous bloomer. Each, \$1.25; 3 for \$3.15.

Dickson's Red (Pat. No. 376)—A fragrant, glowing scarlet-red from the Emerald Isle. (See color plate, page 39.) Each, \$1.25; 3 for \$3.15.

Eclipse (Pat. No. 172)—Its long, streamlined, golden-yellow bud which often exceeds two inches in length, is enhanced by ornamental sepals which contrast harmoniously with the rich gold of the petals. Each, \$1.00; 3 for \$2.50.

Eternal Youth (Pat. No. 332)—Bush symmetrical and disease resistant; prolific bloomer; full open double, rich pink with touch of salmon. Each, \$1.25; 3 for \$3.15.

Hector Deane (Pat. No. 361)—Very fragrant. Crimson bud with a suggestion of orange in the depths, the orange diffusing as it opens, leaving at the heart only a clear circle of yellow. Vigorous and instant in bloom. Each, \$1.50; 3 for \$3.75.

Luna—H.T. Moonlight-yellow. An unsurpassed, deliciously fragrant, cut-flower. The long, delicate yellow buds open to large blooms of moonlight-yellow which ages to

soft cream-white, and the petals hold their shape for days. Each, \$1.00; 3 for \$2.50.

Major Shelley—A fine variety blooming deep scarlet; well formed with a high pointed center, produced on long stems. Each, \$1.50; 3 for \$3.75.

McGredy's Pride (Pat. No. 339)—Color is orange and salmon-pink, flushed and veined saffron yellow; outside of petals yellow cadmium, flushed flesh-pink. Full flowers borne freely on long, stout stems; buds are long and pointed. Outstanding for its remarkably long-lived blooms, both on the plant and when cut for indoor enjoyment. Each, \$1.25; 3 for \$3.15.

McGredy's Sunset (Pat. No. 317)—Unusually fragrant. Sun resistant. Each, \$1.25; 3 for \$3.15.

Mme. Cochet-Cochet (Pat. No. 129)—Long, pointed buds of coppery pink, flushed orange, open to fragrant cupped flowers of soft salmon-pink with a satiny sheen. It will be one of the most admired roses in your garden. Each \$1.00; 3 for \$2.50.

Mme. Henry Guillot (Pat. No. 337)—This charming two-toned rose is a harmony in deep watermelon to raspberry-pink, heavily veiled with reddish orange, producing an enchanting, flame-like glow of flashing scarlet. Each, \$1.25; 3 for \$3.15.

Pearl S. Buck (Pat. No. 423)—The pointed orange buds are freely produced on a vigorous growing bush amply supplied with dark green foliage. As the bud opens it lightens to a deep yellow with tinges of apricot. The stems are long and excellent for cutting. Each, \$1.50; 3 for \$3.75.

Poinsettia—H.T. Scarlet. Beautiful poinsettia-scarlet, semi-double blooms are produced freely all season on vigorous plants. The color is most attractive. Lovely for cutting. Each, \$1.00; 3 for \$2.50.

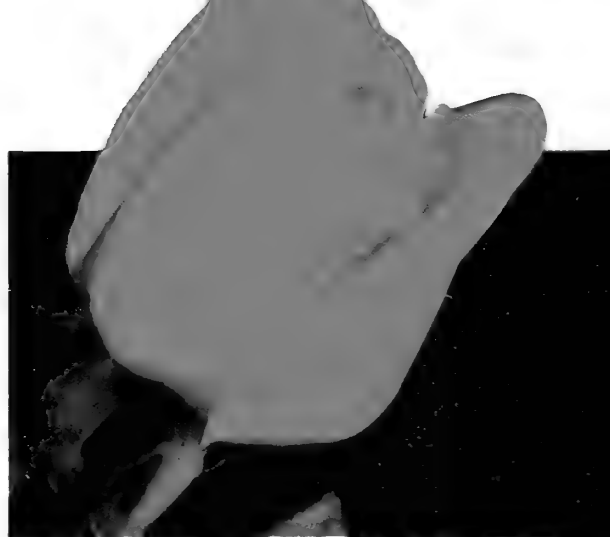
Pres. Boone (Pat. No. 314)—In color, a pure, rich crimson-scarlet, delightfully fragrant; perfect in any stage of development. Each, \$1.00; 3 for \$2.50.

Rex Anderson (Pat. No. 335)—Large flowers of white with an overcast of ivory, slightly deeper in the center. Blooms in rapid succession with several together in strong stems. Very vigorous; dark green foliage. Each, \$1.25; 3 for \$3.15.

NEW ALL-AMERICAN ROSES for 1941



DICKSON'S RED
Patent No. 376
\$1.25 ea., 3 for \$3.15



CALIFORNIA
Patent rights reserved. \$1.50 each, 3 for \$3.75.

New All-American "FIVE" Collection No. 404

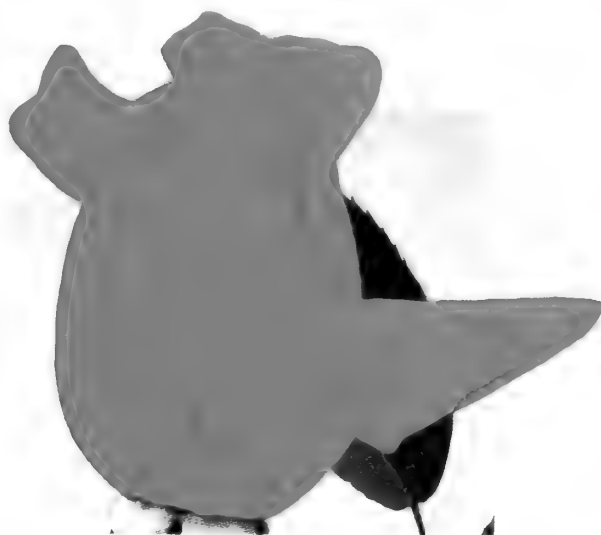
Consists of "Dickson's Red", "California", and "Charlotte Armstrong", everblooming hybrid tea roses; "World's Fair", floribunda, and the new climbing rose, "Flash". All of these roses received the All-America award this year as the five leading roses for 1941. Words and color illustrations fail to depict their real worth and merit.

ALL FIVE, prepaid, for only

\$5.00

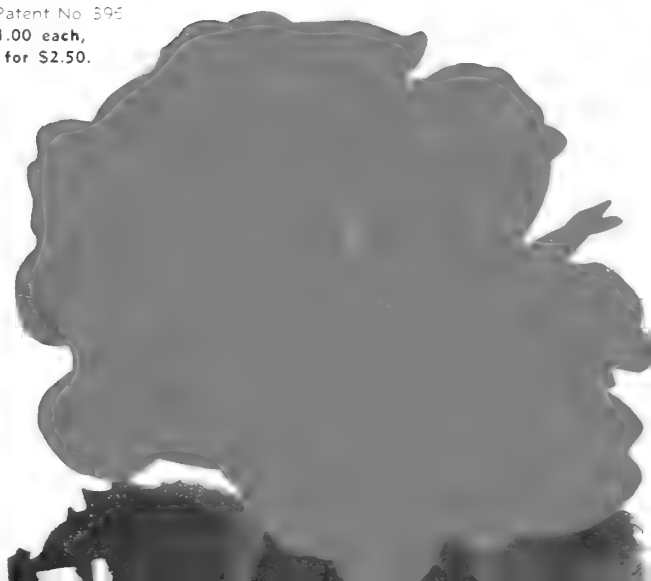


WORLD'S FAIR
Patent No. 382
\$1.00 each, 3 for \$2.50, 12 for \$10.00, 25 for \$18.75.



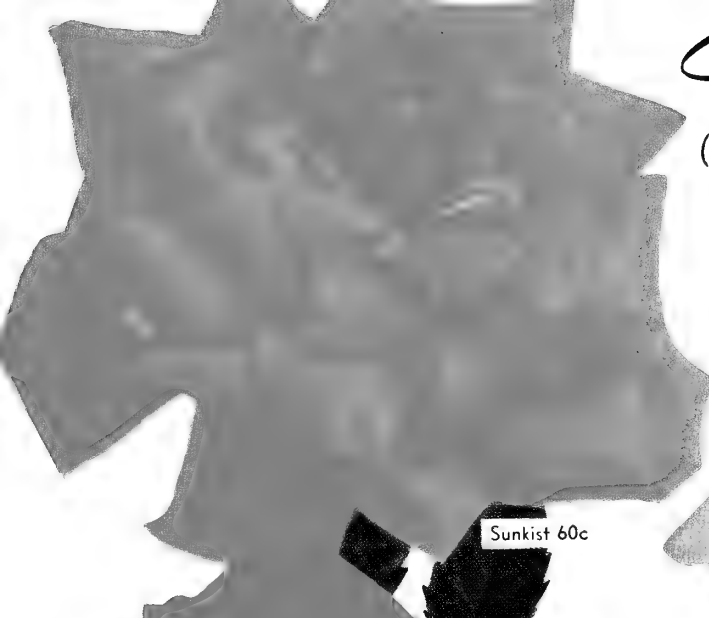
CHARLOTTE ARMSTRONG
Patented. \$1.50 each, 3 for \$3.75.

FLASH
Patent No. 395
\$1.00 each,
3 for \$2.50.

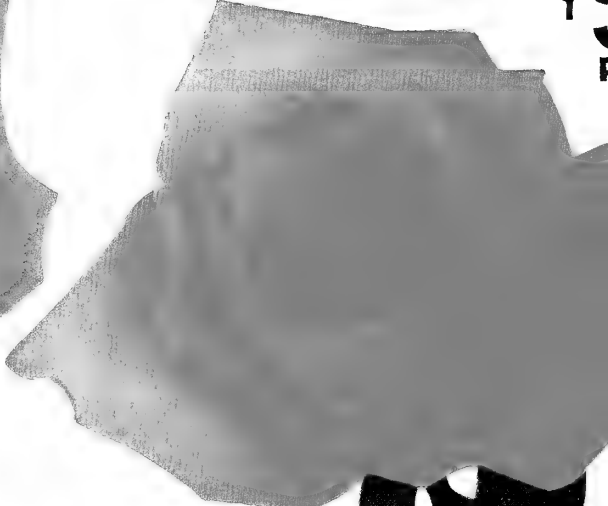


P-W's Best

(Regular Value \$7.35) **ALL FOR \$**



Sunkist 60c




Mme. Jos. Perraud 60c




Condesa De Sastago 60c



Pink Dawn 75c



McGredy's Scarlet 60c



Duquesa De Penaranc

Dozen
50
PAID

No. 1 - 2 Yr. Old
Everbloomers



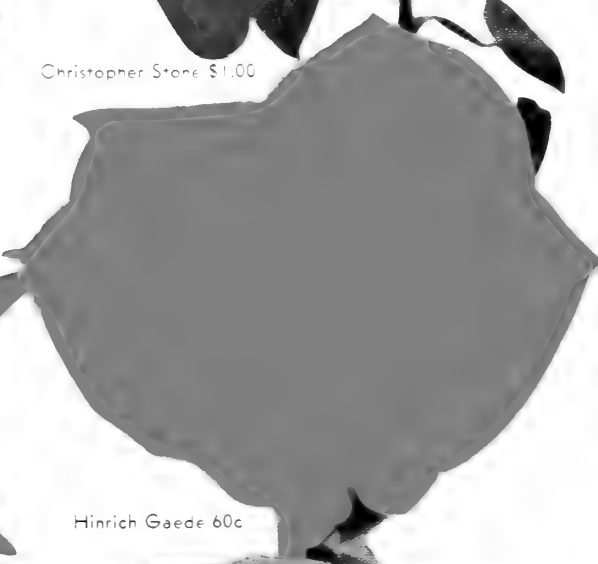
Edith McFarland 50c



Christopher Stone \$1.00



Victoria Harrington 60c



Hinrich Gaede 60c



Lady Margaret Stewart 50c



Mrs. P. S. DuPont 50c

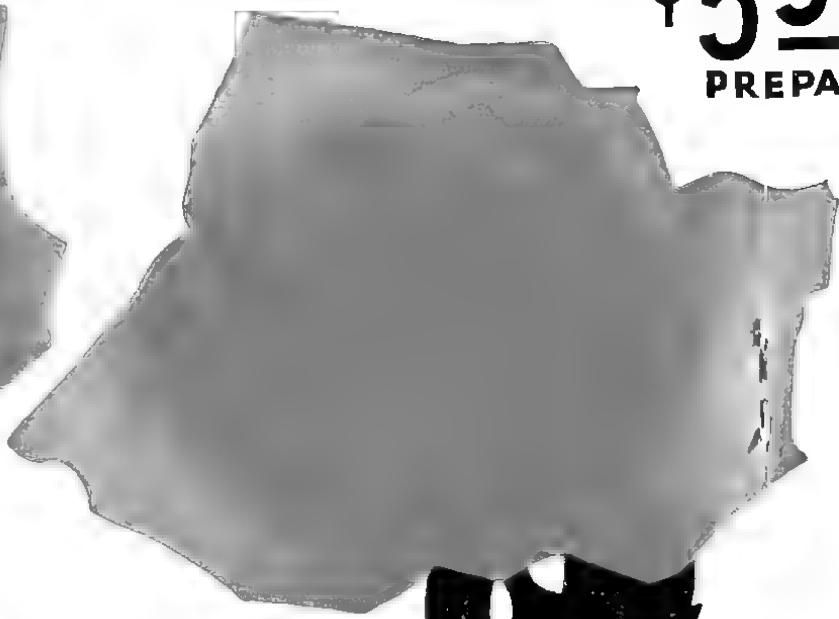
P-W's Best Dozen

No. 1 - 2 Yr. Old
Everbloomers

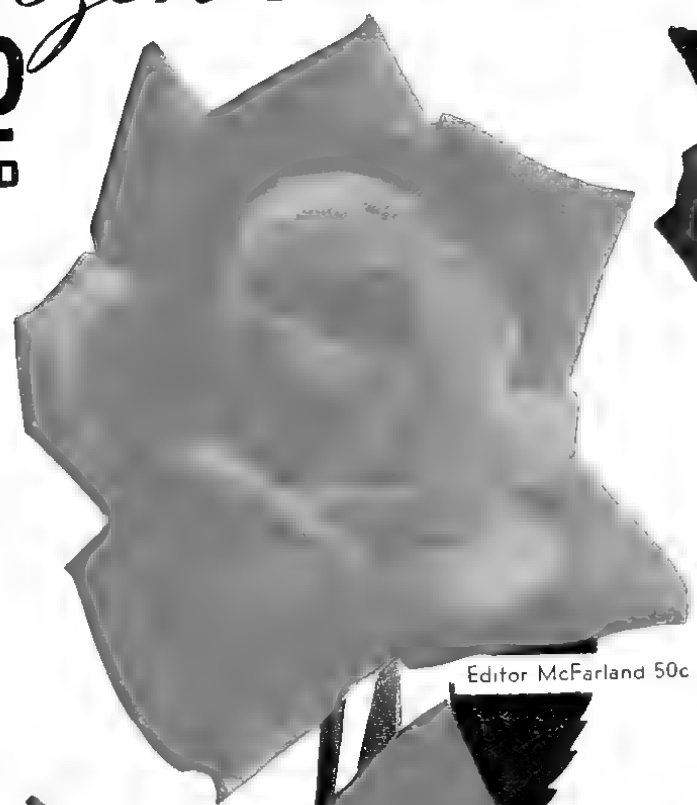
(Regular Value \$7.35) **ALL FOR \$5.50**
PREPAID



Sunkist 60c



Mme. Jos. Perraud 60c



Editor McFarland 50c



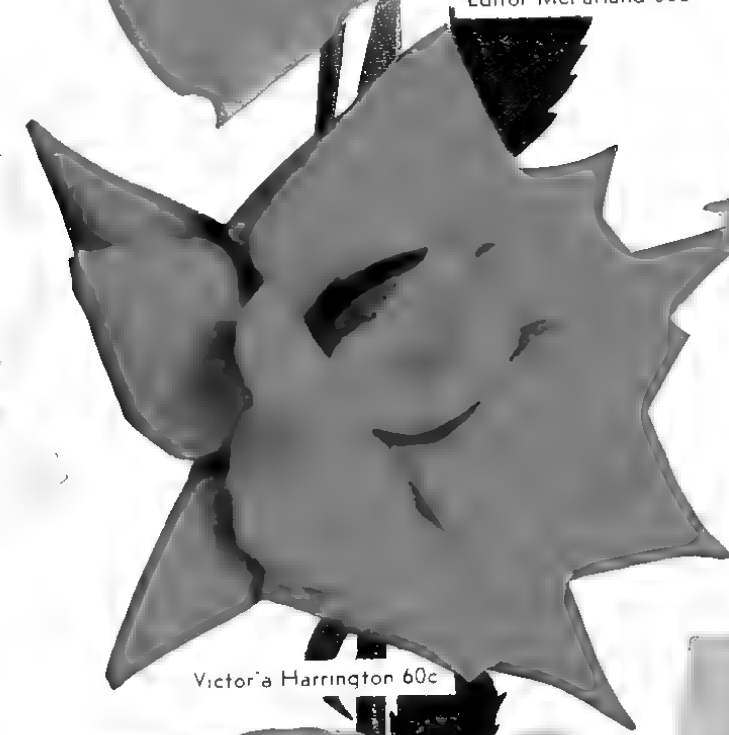
Christopher Stone \$1.00



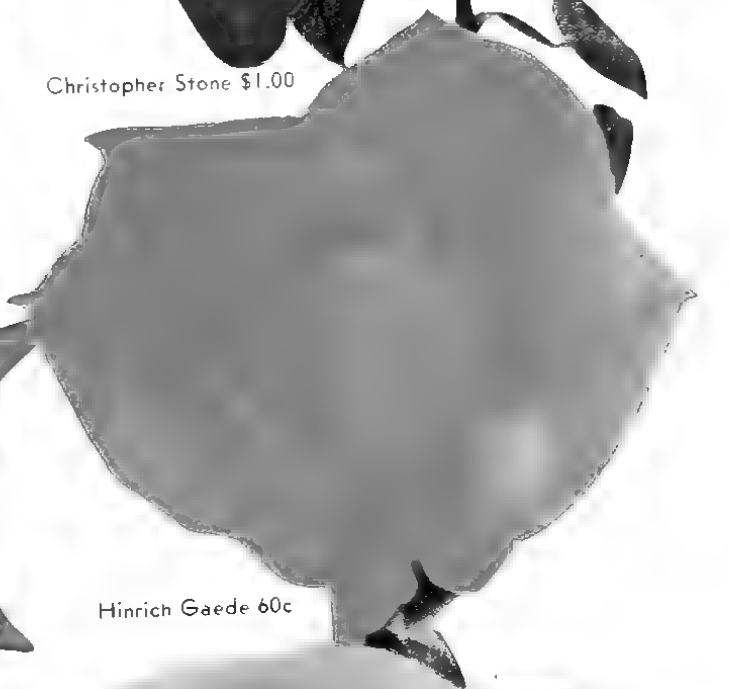
Condesa De Sastago 60c



Pink Dawn 75c



Victoria Harrington 60c



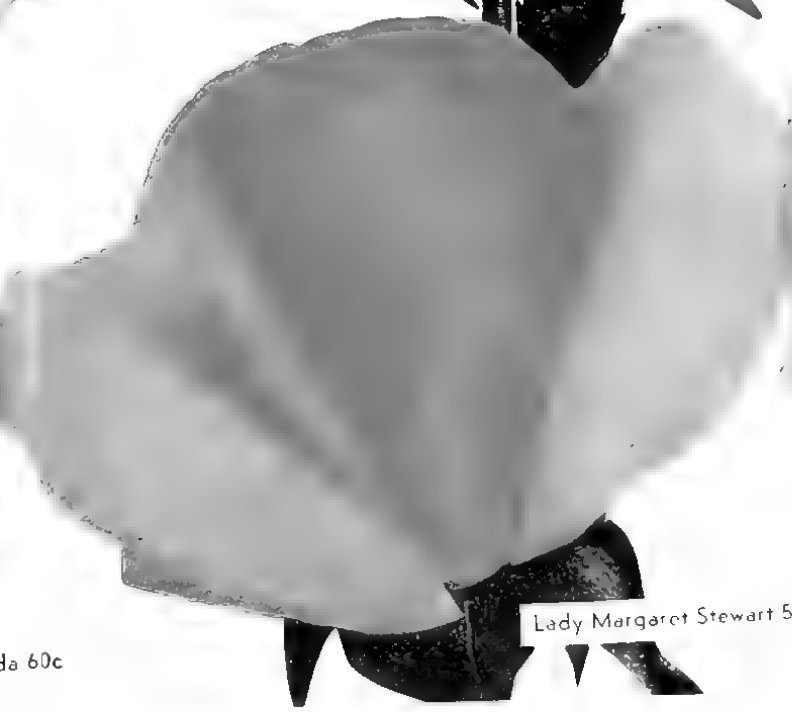
Hinrich Gaede 60c



McGredy's Scarlet 60c



Duquesa De Penaranda 60c



Lady Margaret Stewart 50c



Mrs. P S DuPont 50c

**P.-W.'s
"Popular
Six"
Ever-
blooming
ROSES
All No. 1
2 yr. old
selected
field
grown
shrubs**

ETOILE DE HOLLANDE

PRES. HOOVER

MISS ROWENA THOM

SOEUR THERESE

GRENOBLE

CONDESSA DE SASTAGO

**Condessa De
Sastago**

Exquisite two toned
coppery pink and
gold. Each, 60c.

**Etoile De
Hollande**

Magnificent velvety
crimson. Each, 50c.

Grenoble

Glorious deep crim-
son red. Each, 50c.

**Miss Rowena
Thom**

Clear rose pink.
Each, 60c.

Pres. Hoover

Striking duotone
cerise and gold, deep
rose shadings. Each,
50c.

**Soeur
Therese**

Rich golden yellow
with faint markings
of carmine. Each,
75c.

P.-W.'s "POPULAR SIX" ROSE COLLECTIONS

Offer No. 236

Consists of 1 each of the 6 roses shown
above. (Regular Value \$3.35.)
Prepaid

\$2⁷⁵

Offer No. 237

Consists of 2 each of above 6 roses.
(12 in all.)
Prepaid

\$5⁰⁰

THE BEST OF THE NEW GARDEN ROSES (Continued)

R.M.S. Queen Mary (Pat. No. 249)—Long buds open to lovely blooms of a glorious combination of vivid shades, blending rich glowing salmon with exquisite pure pink with an orange base. Blooms almost continuously and produces its long-lasting flowers on strong, erect stems. Each, **\$1.25**; 3 for **\$3.15**.

Saturnia (Pat. No. 349)—A glorious, 25-petaled rose. Its cardinal-red with salmon-yellow on the reverse side of the petals, gives it a warmth difficult to describe—and more difficult to forget; long, well-formed buds. Each, **\$1.00**; 3 for **\$2.50**.

Signora (Pat. No. 201)—Magnificent buds; warm burnt sienna opening to lighter hue. Tall, robust grower. Each, **\$1.00**; 3 for **\$2.50**.

The Doctor—Buds are long and pointed and expand to an enormous bloom. The color is an exquisite silvery-pink, uniform both in bud and open flower. Very fragrant. Each, **\$1.00**; 3 for **\$2.50**.

Will Rogers (Pat. No. 256)—Very striking dark velvety crimson-maroon. Free blooming, very double. Vigorous dark green foliage. Each, **\$1.00**; 3 for **\$2.50**.

Zula Queen (Pat. No. 363)—A magnificent dusky maroon-rose, almost black in its rich depths. The flowers are very large and rich petaled. A rose with distinct vigor and beauty. Each, **\$1.50**; 3 for **\$3.75**.

P-W.'s NEW ROSE OFFER NO. 408

Consisting of 1 each of **ADORATION**, **HECTOR DEANE**, **McGREY'S SUNSET**, **CONTRAST** and **PRES. BOONE**. Five roses in all, (Regular Value \$6.25) Prepaid..... **\$5.00**

P-W.'s NEW ROSE OFFER NO. 409

Consisting of 1 each of **PEARL S. BUCK**, **SIGNORA**, **ETERNAL YOUTH**, **POINSETTIA**, and **MME. COCHET-COCHET**. Five roses in all, (Regular value, \$5.75) Prepaid for..... **\$4.75**

THE "PICK" OF THE MOST POPULAR EVERBLOOMERS

Hybrid Tea are marked (H.T.), Hybrid Perpetual (H.P.), and Tea Roses (T.). These are strong, healthy two and three-year old roots, which are thoroughly adapted to the rigors of climate in the Mountain States, and are in no sense comparable in value to those offered by some other sources at so-called "Bargain Prices." For convenience, we have arranged the varieties in color groups.

Crimson, Red and Scarlet

American Beauty (H.P.)—Grand carmine-red. Each, **50c**.

Ami Quinard (H.T.)—Deep, velvety crimson. Each, **50c**.

Christopher Stone (H.T.)—Large crimson-scarlet with a velvety sheen. (See page 41.) Each, **\$1.00**.

Cynthia (H.T.)—Very double, bright scarlet-carmine toned gold at base. Each, **50c**.

E. G. Hill (H.T.)—Dazzling scarlet to deep red. Each, **50c**.

Etoile de Hollande (H.T.)—Magnificent velvety crimson. (See page 42.) Each, **50c**.

Essence (H.T.)—Grand, deep crimson. Each, **50c**.

Gipsy Lass (H.T.)—Charming glowing scarlet-crimson. Long stemmed. Each, **60c**.

Grenoble (H.T.)—Glorious deep crimson red. (See page 42.) Each, **50c**.

Gruss an Teplitz (H.T.)—Fiery-crimson. Wonderful hedge rose. Top size, **50c** each. No. 2 sizes, suitable for hedge work, **30c** each; 10 for **\$2.75**; 100 for **\$25.00**.

Hadley (H.T.)—Velvety crimson. Excellent. Each, **50c**.

J. C. Thornton (H.T.)—Orange-scarlet. Charming. **50c**.

Margaret McGredy (H.T.)—Large Double orange scarlet. Each, **50c**.

McGredy's Scarlet (H.T.)—Dark glowing rose. (See page 40.) Each, **50c**.

Rouge Mallerin (H.T.)—Charming new deep red. Long stems, well formed, fragrant. Each, **75c**.

Red Radiance (H.T.)—Clear, large, cerise-red. Ea., **50c**.

Sensation (H.T.)—Large dark crimson. Fragrant. **60c**.

Syracuse (H.T.)—Double, lasting bright scarlet crimson. Vigorous. Each, **50c**.

Victoria Harrington (H.T.)—Non-fading velvety dark red. (See page 41.) Each, **60c**.

Orange and Yellow

Cecil (H.T.)—Buttercup-yellow. Single. Each, **60c**.

Condesa de Sagato (H.T.)—Coppery pink inside; golden yellow reverse. (See page 40.) Each, **60c**.

Catalonia—Rich carmine stained orange. Very colorful and fragrant. Each, **75c**.

Heinrich Wendland (H.T.)—Inside of petals nasturtium red, reverse golden yellow. Each, **60c**.

Hinrich Gaede (H.T.)—Striking copper-orange, darker veining. (See page 41.) Each, **60c**.

Joanna Hill (H.T.)—Creamy yellow shaded bronzy pink. Each, **50c**.

Lady Margaret Stewart (H.T.)—Coppery-orange veined orange-scarlet. (See page 41.) Each, **50c**.

McGredy's Yellow (H.T.)—Bright yellow. Each, **60c**.

Mrs. E. P. Thom (H.T.)—Double pure yellow. Ea., **60c**.

Mrs. P. S. duPont (H.T.)—Large, double, rich golden yellow. (See page 41.) Each, **50c**.

Sir Henry Segrave (H.T.)—Beautiful deep, lemon yellow. Each, **75c**.

Soeur Therese (H.T.)—Buds chrome-yellow; flower daffodil-yellow. (See page 42.) Each, **75c**.

Sunkist (H.T.)—Coppery-orange. (See p. 40.) Ea., **60c**.

Copper and Salmon

Autumn (H.T.)—Rich burnt orange, yellow, and red. Each, **50c**.

Duquesa de Penaranda (H.T.)—Delightful blend of apricot-orange and pink. (See page 40.) Each, **60c**.

Edith Nellie Perkins (H.T.)—Delicate light cerise pink, inside suffused gold. Each, **50c**.

Federico Casas (H.T.)—Coppery pink and orange. Each, **75c**.

Los Angeles (H.T.)—Flame-pink, toned coral, gold base. Each, **50c**.

Lucie Marie (H.T.)—Buttercup yellow, shaded orange-cerise. Each, **50c**.

Mme. Edouard Herriot (H.T.)—Coral red, shaded yellow. Each, **50c**.

Mme. Jos. Perraud (H.T.)—Novel nasturtium-orange, flushed shell pink. (See page 40.) Each, **60c**.

Mrs. Sam McGredy (H.T.)—Grand orange-salmon, suffused gold. Each, **60c**.

President Hoover (H.T.)—Striking maroon-orange, gold, and cerise-pink. (See page 42.) Each, **50c**.

Talisman (H.T.)—Sensational rich golden-reddish apricot, stained copper. Each, **50c**.

Pink Shades

Dainty Bess (H.T.)—Single, delicate pink; wine stamens. Each, **60c**.

Dame Edith Helen (H.T.)—Glowing two-toned pink. Each, **50c**.

Editor McFarland (H.T.)—Perfectly formed, brilliant unfading pink. (See page 41.) Each, **50c**.

George Arends (H.P.)—Large clear pink, very fragrant. Each, **50c**.

J. Otto Thilow (H.T.)—Perfect flowers of rich rose-pink. Each, **50c**.

Miss Rowena Thom (H.T.)—Immense, bright pink, gold base. (See page 42.) Each, **60c**.

Picture (H.T.)—Rich pink with salmon undertone. Each, **75c**.

Pink Dawn (H.T.)—Salmon rose, bronze and gold. (See page 40.) Each, **75c**.

Radiance (H.T.)—Brilliant carmine-pink. Each, **50c**.

Rapture (H.T.)—Deep shell-pink. Exquisite fragrance. Each, **60c**.

White and Blush White

American Beauty White (H.T.)—Snow-white. Each, **50c**.

Caledonia (H.T.)—Exquisite, best pure white. Each, **50c**.

Innocence (H.T.)—Pure white. Single. Each, **60c**.

McGredy's Ivory (H.T.)—Large, well-shaped. Each, **75c**.

Mme. Jules Bouche (H.T.)—White, blush center. **60c**.

P.-W.'s GLORIOUS ROSES



"Shrub Rose"—Rosa Hugonis

Rugosa and Hybrid-Rugosa Roses

Shrub-like roses. Valuable for their crinkled foliage and highly colored "hips"; show to good advantage in groups and hedges.

Belle Poitevine—Large loosely formed flowers of bright magenta pink; borne in large clusters continuously. Each, **50c.**

Hansa—Double, reddish violet flowers of large size. Each, **50c.**

Sir Thomas Lipton—Snowy white flowers of good size and unusual quality borne in profusion in spring. Each, **50c.**

Pink F. J. Grootendorst—Pretty clear pink, everblooming Baby Rugosa. Each, **50c.**

Red F. J. Grootendorst—The red everblooming Baby Rugosa. Each, **50c.**

Rubra—Large single flowers, various shades of magenta, and rosy crimson. Blooms profusely. Each, **50c.**

"Sweet Briar" & Other "Shrub Roses"

Austrian Copper—Bright coppery red, the reverse of the petals golden yellow. An old, very hardy favorite. Each, **75c.**

Rosa Hugonis—A splendid Rose for the Shrubbery border with delicate yellow single flowers produced on long arching sprays early in May; after it has finished flowering it remains an attractive decorative bush for the balance of the season; perfectly hardy (see cut). Each, **50c.**

Rubrifolia—Intensely pink, starry flowers, red foliage. Each, **50c.**

EVERBLOOMING POLYANTHA & FLORIBUNDA ROSES

Hardy as Oaks; bloom as freely as Geraniums. A mass of color from June till snow.

These are hardy, everblooming roses of dwarf habit which have been specially bred for mass planting. They should be planted in groups of from not less than three plants of a kind to a hundred or more in beds or shrub borders. They are not only permanent but are more colorful and beautiful than the tender-foliaged bedding plants which have been used heretofore for this purpose.

They are ideal for color effects among shrubs, perennials, and evergreens, providing color the entire summer. For best effect they should be planted about 14 inches each way.

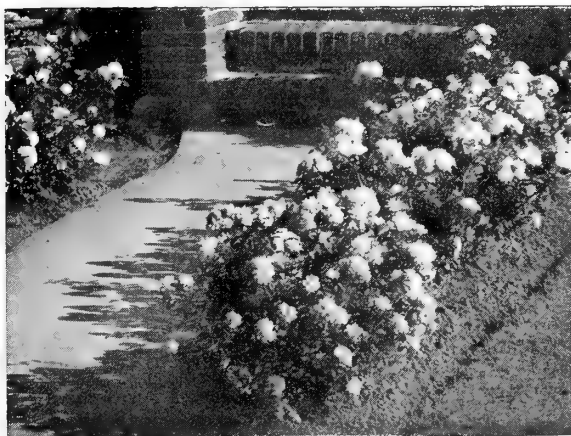
Anne Poulsen (Pat. No. 182)—Large semi-double scarlet-crimson flowers, in large sprays; always in bloom. Each, **75c**; 3 for **\$1.90**; dozen, **\$7.50**.

Permanent Wave (Plant Patent No. 107.) (New Floribunda)—The single cerise-edged rosy-pink blooms are three inches across and come in bouquets of six or more on a stem. Each petal is fluted or waved, permanently from the bud stage to the finish. Winter hardy and disease resistant. Each, **75c**; 3 for **\$1.90**; dozen, **\$7.50**.

Smiles (Plant Patent No. 331) (New Floribunda)—"It smiles at you." Brilliant semi-double salmon-pink flowers, 3 inches across. Blooms constantly in great masses and defies all weather. Each, **85c**; 3 for **\$2.15**.

World's Fair—First award "All-America rose selection" for Floribundas. Exceptionally attractive. (See color plate, page 39.) Each **\$1.00**; dozen, **\$10.00**.

Viscountess Charlemont—Large clusters of satiny, rose-pink blooms, later developing a deep buttercup yellow at base of petals. Each, **85c**; dozen, **\$8.50**.



Golden Salmon Polyantha
(Excellent for Beds and Borders)

Popular Polyantha Roses

Chatillon—The clear pink flowers bloom continuously in huge clusters resembling large heads of Phlox.

Echo—White flushed pink. Thornless. Very desirable.

Else Poulsen—Lasting brilliant two-toned rose pink. Semi-double; sweetly scented. A vigorous grower.

Golden Salmon—Huge clusters of bright salmon-orange. Profuse bloomer.

Ideal—Garnet red. One of the finest dark red Polyanthas.

Kirsten Poulsen—A tall four to five-foot Polyantha. Produces myriads of dainty red buds and clean bright scarlet trusses of bloom all season long.

Price—Any of the above, Special Hedge Size, each, **35c**; 3 for **\$1.00**; 10 for **\$3.00**; 100 for **\$27.50**, prepaid.

Mlle. Cecile Brunner—The "Sweetheart" Rose. Perfect for boutonnières. Dainty sea-shell pink; delightfully fragrant. Each, **50c**; 3 for **\$1.25**.

Rosa Rouletti—6 inches tall. A rock garden "Gem" and also a gem for an edging plant. It is hardy and produces rose-pink, quite double flowers continuously. Each, **50c**; 3 for **\$1.25**.

P.-W.'s Hardy Climbing Roses



Climbing Roses for Charming Effect

American Beauty—Has the same deep rose-pink color, large size, and sweet fragrance of the American Beauty, with the addition of the climbing habit. Each, 50c.

American Pillar—Enormous single flowers, three to four inches across, of a lovely shade of pink, with a clear white eye and long golden 'stamens. The large clusters completely envelop the plant. A variety of great beauty which appeals to everyone. Each, 50c.

Dr. W. Van Fleet—The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. Vigorous grower. Each, 50c.

Flash (Pat. No. 396)—An "All-America rose selection." Luminous orange-scarlet (See color plate, page 39.) Each, \$1.00: 3 for \$2.50.

Paul's Scarlet Climber—Pure vivid scarlet. No other rose, in any class, can compare with this for brilliancy of color which is maintained until the petals fall. It is of strong climbing habit and perfectly hardy. Each, 50c.

Primrose—Long pointed buds of a beautiful canary yellow; flowers rosette-shaped. Dark green, glossy, holly-like foliage. A real hardy yellow climber. Each, 50c.

Silver Moon—Beautiful semi-double flowers, four inches and over in diameter, pure white in color. Petals of great substance, beautifully cupped; golden stamens in the center add to its attractiveness. Each, 50c.

Doubloons (Plant Patent No. 152)—Midseason. Yellow. This is one of the hardiest of the new yellow climbing Roses. The well-formed buds open to large, firm-textured blooms of saffron-yellow. These come in clusters of three or more, opening one after the other, thus prolonging the flowering season. Considered the best oak-hardy yellow climbing Rose. Under favorable conditions it has a tendency to repeat in midsummer. Each, \$1.00.

Staeachelin (Spanish Beauty) — Long-stemmed, delicate pink blooms, shaded carmine. Buds are long-pointed and the lightly curled petals form a large, semi-double, open flower which radiates a delightful fragrance. Each, 50c.

Collection Offer No. 414

Includes the following Glorious Climbing Roses:

- 1 PAUL'S SCARLET—Scarlet
- 1 PRIMROSE—Yellow
- 1 STAEACHELIN—Pink

3 in all (Reg. value, \$1.50) for.....

\$1 15

Postpaid

P.-W.'s EVERBLOOMING CLIMBING ROSES

While these varieties do not bloom as constantly as their Hybrid Tea parents, yet their bloom period recurs during the season so they are classed as everbloomers. Where possible, give them a protected situation.

Cl. Black Boy—Produces a profusion of large semi-double flowers of very dark reddish black in the spring, and in the summer the bloom is a bright red. Very vigorous. Each, 60c.

Blaze (Plant Patent No. 10)—A blazing scarlet beauty. Hardy everblooming Paul's Scarlet Climber. Ea, \$1.00.

Cl. Countess Vandal (Plant Patent No. 38)—Produces the same long, pointed buds of coppery-bronze, pink and gold, as the bush form in even greater profusion. A magnificent vigorous climber. Each, \$1.00.

Cl. Dr. J. H. Nicolas—The ideal everblooming pillar or climbing rose; double, lovely rose-pink flowers in clusters of 3 to 4 to a long strong stem. Each, \$1.50; 3 for \$3.75.

Cl. Dainty Bess—Dainty, single, blush-pink flowers decorated with a mass of wine-colored stamens. Altogether charming in its simplicity. Each, 60c.

Cl. Dame Edith Helen—Flowers are identical to the bush form: bright pink, perfectly shaped, highly fragrant. Each, 60c.

Cl. Etoile de Hollande—The peer of all red roses; magnificent both in bud and bloom. Flowers identical to the bush form. Each, 60c.

Cl. Los Angeles—Has the same glorious flame-pink toned coral flowers as the bush form. Each, 60c.

Mermaid—Glossy evergreen foliage that produces single sulphury-yellow flowers of great size. Each, 60c.

Cl. General McArthur—Deep velvety-crimson, double, and buds are well-formed. Each, 60c.

Cl. Mme. Eduoard Herriot—Brilliant coral-red buds opening to flowers of flaming pink and orange. Each, 60c.

Cl. Mme. Jules Bouche—White buds. Open blooms show a slight blush in the center. Fragrant. Each, 60c.

Cl. Mrs. E. P. Thom—Well-formed blooms of clear yellow. Among the best of the yellow varieties. Each, 60c.

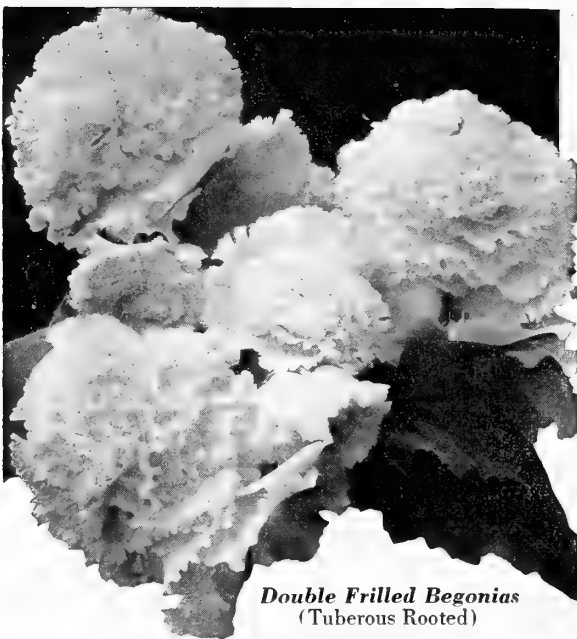
Cl. President Hoover—A combination of a most striking maroon-orange, gold, and cerise-pink. Possesses a delicious fragrance. Each, 60c.

Cl. Talisman—Flowers same as bush form—that sensational, rich, golden, reddish apricot, stained copper. Each, 60c.

Collection Offer No. 415

Includes 1 each of Cl. Dainty Bess, 1 Cl. Mrs. E. P. Thom, 1 Cl. Gen. McArthur (Reg. Value \$1.80) postpaid.....

\$1 25



Double Frilled Begonias
(Tuberous Rooted)

Begonias, Tuberous Rooted

Ideal for Shady Places

Double Flowered—Red, pink, salmon, yellow, white, and mixed.

Single Frilled and Ruffled—Red, pink, salmon, yellow, white, or mixed.

Prices—Any of above, extra large bulbs, 3 for 60c; \$2.00 per doz. Bulbs ready from Feb. 1st to April 1st.

Plants—Well established from pots or flats are ready about May 15th. We can supply both separate and mixed colors. 3 for 75c; \$2.50 per doz. If by mail add 5c each; 30c per dozen extra for packing and postage.

Bleeding Hearts

(Dicentra)

Spectabilis—Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. 40c each; 3 for \$1.00; \$3.00 per dozen, postpaid.

Caladium

Plant in rich soil and give plenty of water. With such treatment a selected size bulb will make a plant about 4 ft. high with leaves 3 ft. long and 20 in. wide. First size, large, bulbs each, 30c; 3 for 85c; 12 for \$3.00, postpaid.

HARDY GARDEN LILIES

For Very Early Spring Planting

Auratum (Golden-banded Japan Lily)—Large, graceful, fragrant flowers, delicate ivory-white thickly studded with chocolate-crimson spots, striped through the center a golden-yellow. 3 to 5 feet. July, September. Plant 8 to 10 inches deep. Large bulbs. 3 for 90c; doz., \$3.00.

Philippinense Formosanum — Beautiful large white trumpet shaped. Flowers suffused on exterior with reddish brown. Delightfully fragrant. Blooms in September. Plant 8 inches deep. 3 for 70c; doz., \$2.75.

Royal (Regale)—One of the most beautiful yet introduced. 3 to 5 feet high, blooms in July; hardy and flourishes under varied conditions. Flowers produced freely, are ivory-white, shaded pink, tinged with canary-yellow. Plant 6 inches deep. Large bulbs (6-7), 3 for 40c; doz., \$1.25; 100, \$9.00. Extra large bulbs (8-9), 3 for 60c; doz., \$2.00; 100, \$14.00.

Speciosum Magnificum—Better than Rubrum. Flower white, flushed pink, and heavily spotted and banded with carmine. Late August and early September bloomer. Plant 9 to 12 inches deep. Large bulbs, 3 for 90c; doz., \$3.00.

CANNAS

King Humbert (4 feet.) Scarlet flowers, bronze foliage. Large flowers freely produced, and handsome, broad tropical foliage.

Mrs. Alfred E. Conard (4 feet.) Unsurpassed planted singly or in large beds. Flowers large and of an exquisite pink color.

The President (4 feet.) A rich glowing scarlet with immense rounded flowers, seven inches across, produced on strong stalks well above the heavy foliage. Free bloomer.

Yellow King Humbert (4 feet.) Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter.

Price—Dormant Roots—Furnished from February 1st to April 1st. Extra large size, any of above, each, 15c; dozen, \$1.50, postpaid. Not prepaid, \$1.25 per dozen; \$9.00 per 100.

Canna Plants From April 25 to June. Strong, well-established pot-grown plants, ready in May. All of above named varieties, each, 25c; dozen, \$2.50; 100, \$15.00. Plants all f.o.b. Salt Lake. We recommend express shipment.

Lily of the Valley

American Pips (for outside planting only)—Extra strong. Pips, 25 for \$1.25; 100 for \$4.50; 250 for \$7.00.

Montbretias

Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. Tall spikes of flowers like miniature Gladiolus, are less stiff and more graceful. Lift bulbs in winter. Mixed colors—3 for 25c; 12 for 85c; 100 for \$6.00, postpaid.

THREE FINE CLIMBERS

Easily Grown from Roots

Apios Tuberosa

(Tuberous-Rooted Wisteria)

Clusters of small, purplish brown, fragrant flowers not unlike Wisteria blooms. Hardy. 6 to 8 ft. 15c each; 3 for 35c; 12 for \$1.20. Postpaid.

Cinnamon Vine

Attractive, shiny bright green foliage and small, whitish, fragrant blooms. 10 to 15 ft. Hardy. Large roots: 15c each; 3 for 35c; 12 for \$1.20. Postpaid.

Madeira Vine

Tiny white flowers in late summer and fall. Bright green leaves. Hardy with protection. 15 ft. high. Large roots: 12c each; 3 for 30c; 12 for \$1.00. Postpaid.



Hardy Lily Collection

No. 416

Three each of Auratum, Royal and Speciosum Magnificum. (Reg. Value, \$2.50)....

\$2.00

Regale Lily
The Queen of
the Lily Family

P.-W.'s Beautiful Double PEONIES

Ask for free cultural leaflet when ordering. Prices quoted are prepaid, strong 3-5 eye divisions. The dozen rate is 10 times the each price.

Peonies will do well in almost any garden soil. The roots should be placed so that the crowns are covered with two or three inches of soil. Too deep planting is a frequent cause of shy flowering.

NOTE—Figures following varieties indicate the rating given them by the American Peony Society. The highest rating a peony can receive is 10. There is no variety yet with such a rating; 9 is excellent, 8 is very good, 7 is good.

Albert Crousse—8.6. Bomb type. Late. Shell pink. Center slightly flecked crimson. Large, compact, vigorous. 50c each.

Baroness Schroeder—9.0. Rose type; late. White with flesh shading. One of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. 50c each.

Duchess de Nemours—8.1. Guard petals white, center lemon-yellow cup-shaped. Fragrant, strong grower and free bloomer. 40c each.

Edulis Superba—7.6. This is the famous Decoration Day Peony. Color a beautiful bright, clear pink, with silvery reflex. 40c each.

Felix Crousse—8.4. Large, ball-shaped bloom; very brilliant red. One of the finest self-colored varieties. 40c each.

Festiva Maxima—9.3. Magnificent white. Very early. 35c each.

Grover Cleveland—8.2. Rose type. Late. Dark crimson. Very large and full. Tall. One of the best red varieties. 50c each.

Karl Rosenfield—8.8. Large, globular, compact, semi-rose type. Dark crimson. Midseason. Very fine. 45c each.

Marie Jacquin—8.3. Midseason. Semi-rose type. Known as the "Water-Lily Peony." Color is a most delicate flesh tint that gives way to lilac white. Semi-double; blooms in profusion. 50c each.

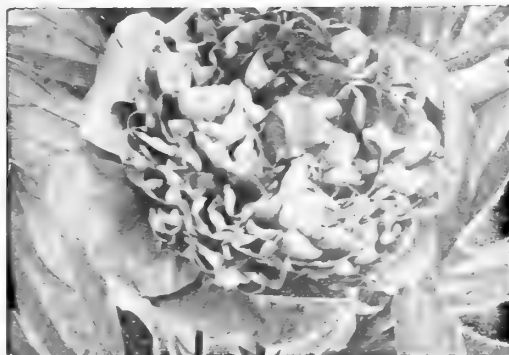
Mme. Jules Dessert—9.4. White, shaded with buff and salmon tints, large flower. Med. height, strong grower. Midseason. A superior variety. 75c each.

Mons. Jules Elie—9.2. Immense globular, very full flowers. Color glossy lilac-pink, shading to deeper rose at base, the entire flower overlaid with a sheen of silvery hue. 50c each.

Mons. Martin Cahuzac—8.8. Dark, purple-garnet with black reflex. Perhaps the darkest colored peony in existence. Much sought after by fanciers. \$1.00 each.

Officinalis Rubra. Extra early, large globular, brilliant crimson. The very popular old time "Piney" first of all in peonies to bloom in spring. 50c each.

Philippe Rivoire—9.2. Considered the leading new bright rich crimson. Comes into bloom late midseason. A wonderful show flower. Pleasing fragrance. The highest rated red peony. \$2.00 each.



Richard Carvel

Philomele—7.7. Striking flower. Guards bright violet rose. Center deep golden yellow, changing to amber-cream with small crown of bright rose, edged crimson. Midseason Anemone type. An unusual sort. 35c each.

Richard Carvel—8.8. Bright crimson, large, bomb type; tall, profuse bloomer. Very fragrant. A magnificent early peony. 75c each.

Rubra Superba—7.2. Magnificent rich brilliant crimson. Very large, full, and double. Highly fragrant. One of the best late red peonies. 40c each.

Sarah Bernhardt—9.0. Late mid-season. One of the strongest growing varieties, flowers of remarkable size, full and double, of unusual perfection of form. Color a beautiful mauve-rose with silver tips. 75c each.

Solange—9.7. A truly marvelous variety. Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from the center. Late. \$1.00 each.

Therese—9.8. Violet-rose, changing to lilac-white; mid-season. Considered the most nearly perfect peony in cultivation. \$1.00 each.

Walter Faxon—9.3. A new semi-rose type mid-season variety. Is the most vivid of all pink peonies. Flowers are medium size of attractive form and delightfully fragrant. It tops all as a show peony. \$1.00 each.

Tenuifolium (Fern Leaved Peony)—A very interesting, early flowering, red variety. Its delicate fringed fern-like foliage always attracts attention. It blooms very early before the popular Chinese varieties. Stock limited. \$1.50 each.

CHINESE TREE PEONIES

These new hybrids form shrubby, bushy plants 3-4 feet high which are literally covered with immense flowers 8 inches across. Very hardy, and a marvelous substitute for Rhododendrons, fitting into similar landscape situations. All are strong field grown plants. Prices prepaid.

Reine Elizabeth—Salmon-pink. \$4.00 each.

Souvenir de Ducher—Sparkling violet, silvery reflex, \$5.00 each.

Souvenir de Maxine Cornu—Deep yellow, shaded orange; fragrant. \$8.00 each.

All Season Flowering Collection No. 419

	Each
1 Officinalis Rubra , Extra Early Red.....	50c
1 Richard Carvel , Early Red.....	75c
1 Mons. Jules Elie , Early Pink.....	50c
1 Mme. Jules Dessert , Mid-season White.....	75c
1 Grover Cleveland , Late Red.....	50c
1 Albert Crousse , Late Pink.....	50c

All of the above, 6 large roots in all,
(Regular delivered price, \$3.90)
Prepaid for only.....

\$3.00

"MEMORIAL DAY" Peony Collection No. 420

In early or late seasons some of these varieties will be in bloom Memorial Day.

1 Officinalis Rubra —Extra early red.....	50c each
1 Festiva Maxima —Early white.....	35c each
1 Edulis Superba —Early pink.....	40c each
1 Richard Carvel —Early red.....	75c each
1 Mons. Jules Elie —Early lilac pink.....	50c each

All of above, 5 large roots in all.
(Regular value, \$2.75.)
Prepaid for only.....

\$2.00



Flag Iris

Dwarf Flag Iris

(Pumila Hybrids)

Most attractive for Rock Gardens. Very showy. Early flowering. Height 8-10 inches. Separate colors — Violet-blue, White and Yellow. 15c each; \$1.50 per dozen; \$11.00 per 100.

Siberian Iris

(Sibirica)

Orientalis. Rich, violet-blue; very free and one of the best. June, 2 to 2½ feet.

Snow Queen. Great merit; flowers snowy white.

Price—20c each; \$2.00 per dozen.

Dutch Iris (Bulbous) must be planted in the Fall.

Japanese Iris can be planted either Fall or Spring.

Flag Iris is much more successful in Fall, but planting may be done in Spring.

FLAG IRIS (Germanica)

Avoid planting too deep, barely covering the rhizomes (creeping root stems) being sufficient. They are great drouth resisters. "S" refers to standards. "F" to falls. Numerals indicate height in inches.

Dauntless—40". Awarded the biggest honor a variety can receive, the Dykes Memorial Medal. The coloring in both the standards and falls is a rich velvety red. It will be some time before this variety is surpassed. 50c each.

El Capitan—28". A magnificent, most popular iris. Huge flowers of a soft lavender blue. Early. 35c each.

Los Angeles—Immense white flowers of beautiful form and great substance, the standards faintly edged blue; outstanding. 35c each.

Mrs. Valerie West—40". Very large, rich deep crimson-brown; standard large, lavender shot with bronze. Strong stem. Well branched. 35c each.

Peerless—A magnificent flower, brilliant coloring giving the effect of a rich glowing light mahogany red. The standards are very erectly held with no tendency to "flop." 3½ inches long and 3 inches wide, light reddish violet in color. 30c each.

Rayo De Sol—A clear, tall, well branched yellow self. 35c each.

William Mohr—29". This is probably the most remarkable hybrid ever raised. Mr. Mohr considered it his finest achievement. It has been named in his memory. The ground color is pale lilac, standards flushed darker, the whole flower beautifully veined manganese violet. Form is perfect; stems strong and rigid. The rhizomes and foliage are small, the flowers immense. Should be hilled slightly above general ground level for surface drainage. 35c each.

P.-W.'s Popular Iris Collections

In this assortment we have selected 25 varieties that are outstanding in the low-priced field. They cover a wide range of color, including about all the shades and tints known to Iris culture. The height will permit their being put in the same bed effectively.

Offer No. 423—1 each of the 25 varieties described above. Prepaid..... **\$2.25**

Offer No. 424—4 each of above (100 strong roots). Prepaid..... **\$8.00**

JAPANESE IRIS

They succeed in almost any soil and under any conditions, but delight in a rich, deep, moist situation.

Gold Bound—A fine double, pure white. Creamy glow at the gold-banded center.

Koko-No-Iro—Six large, royal purple petals, with a yellow center, radiating into lines.

Mahogany—Large double flowers, purple mahogany-red, the petals prettily crested. Latest to bloom.

Uchiu—Corulean blue, veined white, gold center. Blooms a long time. Double.

Fascination—Beautiful variety. Double mauve-pink veined with white.

Price—Any of the above, each 40c; 3 for \$1.10; 12 for \$3.75. Postpaid.

HARDY PHLOX

Africa—Splendid deep red.

B. Comte—Rich French purple.

Beacon—Bright cherry red.

Commander—New bright crimson.

Count Zeppelin—Pure white with vermilion eye.

Ethel Pritchard—A French mauve.

Mrs. Jenkins—Pure white.

Rynstrom—Deep rose-pink.

Thor—Lovely shade deep salmon-pink.

Price—Any of above good root divisions: Each, 20c; dozen, \$2.00.

Leo Schlageter—A perfectly beautiful new brilliant scarlet. Full rich heads are produced on vigorous plants 3 to 4 feet high. Considered the best red Phlox. Each, 30c; 3 for 75c; dozen, \$2.50.

New Columbia—U. S. Plant Patent No. 118—Lovely soft salmon-pink with eye of very light blue lending a charming effect upon the general color of the flower. Each, 30c; 3 for 75c; dozen, \$2.50.

Ranunculus-Tecolote Giants

(See color page 12)

Tigrida (Tiger Flower)

Plant in sunny position in a well-drained soil. Colorful blooms in scarlet, rose, yellow, and orange. Large flowers of rather triangular form have six petals, the three smaller ones being blotched with carmine, purple, or mahogany. Height, 24 in. Each, 15c; 3 for 40c; 12 for \$1.40, postpaid.

Tuberose

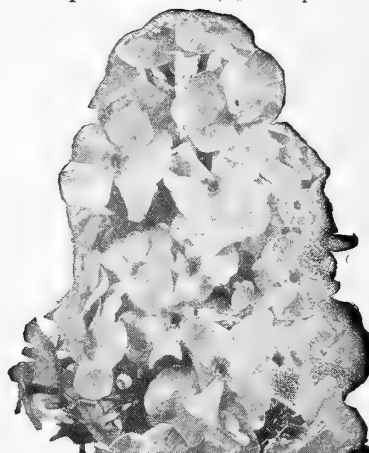
Double Dwarf Pearl—Lovely waxy double flowers, very fragrant. For open-ground culture, plant in May or June in a warm location. 3 for 25c; 12 for 60c; 100 for \$4.00, postpaid.

DWARF ALPINE PHLOX

For Rock Gardens

Sublata (Moss or Mountain Pinks)—

Early spring flowering type; pretty moss-like evergreen foliage. We supply three colors—White, Pink and Purple. 3 for 55c; \$2.00 per doz.



Hardy Phlox

Hardy Phlox Collection No. 422

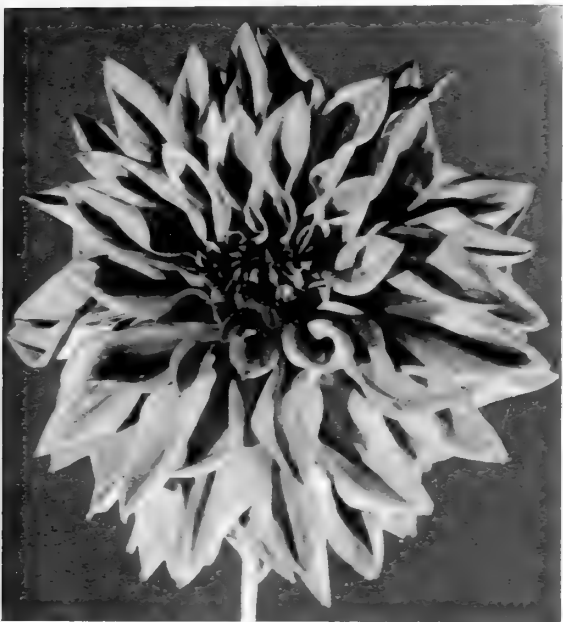
Consists of 2 each of the following excellent varieties: CAROLINE VANDENBURG, Lavender Blue; ETHEL PRITCHARD, Mauve; COUNT ZEPPELIN, White; THOR, Salmon pink, and LEO SCHLAGETER, Scarlet. 10 in all,

(Regular value, \$2.20), postpaid.....

\$1.75

P.-W.'s DAHLIAS—Special Merit

Collection of New and Worthwhile Varieties — All Prize Winners



"W. H. T."

Ask for free leaflet.

Key to Abbreviations

The letters following the name denote type or class to which variety belongs. (C.) Cactus, (S.C.) Semi Cactus, (F.D.) Formal Decorative, (I.D.) Informal Decorative.

P.-W.'s Popular Dahlias

- ★**Grace Curling** (I.D.)—Large blooms, cleft petals. Pure lilac with a pink tint and shading to white at base. Each, 25c.
- Jersey's Beauty** (F.D.)—A lovely pink. Considered by many the finest dahlia ever introduced. Each, 25c.
- ★**La Fiesta** (I.D.)—Large blooms of deep sulphur yellow penciled coral red. Curled petals; stout stems. Ea., 40c.
- ★**Mrs. I. de Ver Warner** (F.D.)—Lovely, deep mauve pink, beautifully formed. It should be in every garden. Each, 25c.
- Myra Howard** (I.D.)—Very large pure gold with glistening rosy sheen. Each, 35c.
- ★**Maryland Orange** (S.C.)—Brilliant orange-red. A Gold Medal Winner. Each, 35c.
- Thomas A. Edison** (F.D.)—Gorgeous Royal Purple. Named for the famous inventor with his full approval. Each, 35c.
- ★**White Wonder** (I.D.)—The greatest white dahlia in this class. The blooms are perfect in every respect. Each, 35c.

Collection Offer No. 425

One each of the above varieties marked (★), five in all. (Regular Value, \$1.60), all prepaid for.....

\$1.25

P.-W.'s Surprise Dahlia Collection Offer No. 425-X

In this charming lot we supply 12 choice Dahlias. While they are unnamed there are no two alike. There are no inferior sorts but those we have in surplus, some of which are high priced. You will be agreeably surprised when they bloom.

\$200

The entire lot of 12, postpaid, all for.....

P.-W.'s Special Merit Dahlias

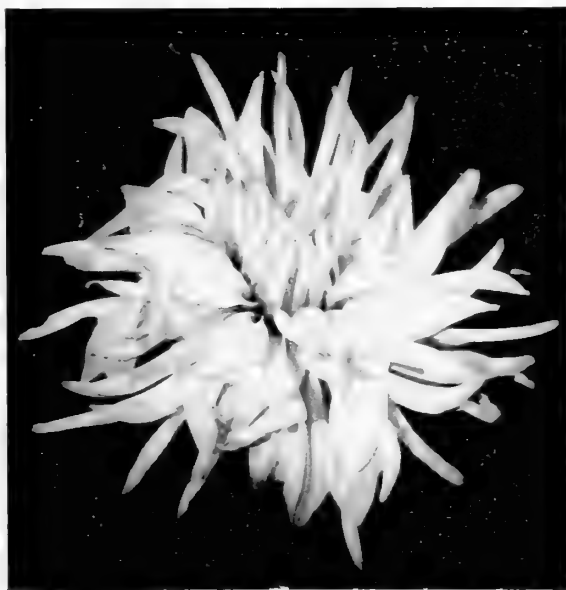
The Cream of the List as Selected from Our Centerville Trial Gardens

- Dixie Ravenscroft**—A beautiful glowing copper with tints of flame. Petals wave and twist, showing a bright gold reverse. A Roll of Honor Dahlia. Each, 50c.
- ★**Jersey Dainty** (C.)—A very beautiful white which at times has faint shadings of pale pink. We heartily recommend it for its fine incurved, deep blooms set perfectly on long stiff stems. (See cut.) Each, 50c.
- ★**Jersey Melody** (S.C.)—Its unusual color is tyrian-rose tipped silver with silver reverse. It won our complete approval as the finest semi-cactus variety. Each, 50c.
- Oriental Beauty** (S.C.)—An entrancing bright rose-pink with beautiful incurved formation, carried on wonderful stems. An excellent cut flower. Each, 50c.
- ★**Ruby Taylor** (I.D.)—Will draw attention like a magnet. The color is velvety garnet-red. The large, well-formed flowers are borne on strong, rigid stems. Ea., 50c.
- ★**Satan**—Flaming red with a slight touch of gold at center. Immense flowers often 14 inches across. A Roll of Honor Dahlia. Each, 50c.
- ★**Spotlight** (I.D.)—Large full blooms of clear sulphur yellow with petals that curl and twist in a most fascinating manner. An early and constant bloomer. Each, 75c.
- Sultan of Hillcrest**—Its unique and unusual color effect immediately attracts your attention—clear, deep lemon yellow; reverse rosy pink. Massive blooms on strong stems. Each, 50c.
- ★**W. H. T.** (F.D.)—A striking dahlia of beautiful large size and of exquisite petal formation. Its Begonia-rose color is most unique. (See cut.) Each, 50c.
- Washington Giant**—This gigantic dahlia will give you something to boast about. Blooms often measure over 12 inches across. In color, the sweetest bright lavender-rose blended with silver. Won Sweepstakes for the largest bloom. Each, 75c.

Special Merit Dahlia Offer No. 426

One each of the (★) varieties in the above list, 6 in all (regular value \$3.00), all prepaid for.....

\$2.50



Jersey Dainty

Plant Dahlias liberally and enjoy a riot of color in late Summer and Autumn

MINIATURE DAHLIAS

A new type of small Dahlias, same in form as the large Decorative Cactus and Peony Dahlias, but blooms are small, only 2 to 4 inches across, have wire-like stems, are excellent cut flowers.

Baby Royal (Min. S. C.)—Salmon-pink, shaded apricot. Ea., 25c.

Baby Sagamore (Min. F. D.)—A favorite golden yellow. Ea., 35c.

Bishop of Llandoff (Duplex)—Rich, deep red with dark eye and nearly black foliage. Each, 25c.

Coronne (Min. F. D.)—Beautiful pure white. Each, 25c.

Good Luck (Min. I. D.)—Golden bronze, a real Autumn shade. Petals lacinated. Very striking. Each, 25c.

POMPON DAHLIAS

Small compact flowers averaging about 1¼ inches in diameter. See color illustration on opposite page.

Bob White—Pure White **Hiawatha**—Maroon crimson

Little Donald—Burnt copper **Mary Munns**—Orchid lavender

Allbright—Deep gold heavily tipped and toned red.

Price—Any of above, each 25c; 3 for 70c; postpaid.



Miniature Dahlias

Miniature Dahlia Collection No. 427

Consists of 1 bulb each of the five varieties listed above. (Regular Value \$1.35.) All prepaid..... **\$1.10**

Pompon Dahlia Collection No. 428

Consists of 1 bulb each of the five varieties listed. Five bulbs in all (Regular Value \$1.25.) Postpaid..... **\$1.00**

GLADIOLUS

NEW AND RECENT VARIETIES

Easily Grown Majestic Flowers

Ask for Free Cultural Leaflet



Salbach's Orchid

White

Maid of Orleans (Early - Ht. 4½ ft.)—Cream-white. The pure white florets have cream throats. Because many perfect florets are in full bloom at once, it is excellent for exhibition. 3 for 13c; 12 for 50c; 100 for \$3.50.

Mammoth White (Med. Early - Ht. 4½ ft.)—Milky white with cream throat. Immense tall spikes, opening 7-8 blooms, oftentimes measure 6½-7 inches across. Considered one of the best whites in existence. 3 for 15c; 12 for 50c; 100 for \$3.50.

Polar Ice—A pure glistening white, early flowering and a consistent prize winner in Gladiolus shows. 3 for 18c; 12 for 60c; 100 for \$4.00.

Cream

Shirley Temple (Early - Ht. 5 ft.)—Immense heavily ruffled cream with creamy yellow throat. This is one of the most beautiful varieties grown. 3 for 21c; 12 for 75c; 100 for \$5.50.

Buff

Wasaga (Midseason - Ht. 3½ ft.)—Beautiful clear glowing buff with wide open, well ruffled blooms. It has been called the most beautifully colored Gladiola in the world. 3 for 15c; 12 for 45c; 100 for \$3.00.

Yellow

Gate of Heaven—Fine rich deep yellow, ruffled petals very fine. 3 for 15c; 12 for 50c; 100 for \$3.50.

Golden Chimes—A fine exhibition gladiola. Light yellow color and highly ruffled. 3 for 25c; 12 for 85c; 100 for \$6.00.

Orange

LaFiesta (Midseason - Ht. 5½ ft.)—Tall beautiful orange. In this climate the best of its color. 3 for 25c; 12 for 85c; 100 for \$6.00.

Johannes S. Bach (Early - Ht. 5 ft.)—A beautiful orange-salmon, lighter in throat, with white midribs. Tall, strong grower with well arranged flower heads. A most beautiful variety. 3 for 20c; 12 for 65c; 100 for \$4.50.

Salmon Pink

Picardy (Midseason - Ht. 5 ft.)—A clear, soft shrimp-pink with inconspicuous feathering of rose. This variety has been the sensation ever since its introduction. A "must have" for everyone growing Glads. 3 for 15c; 12 for 50c; 100 for \$3.50.

Mildred Louise (Early - Ht. 4 ft.)—Very large blooms of warm salmon-pink, with the lower petals tipped strawberry pink. This variety produces one of the finest spikes of bloom. 3 for 15c; 12 for 50c; 100 for \$3.50.

P.-W.'s COLLECTION OF NEW GLADIOLUS

WASAGA, Buff; MILDRED LOUISE, Salmon; POLAR ICE, White; PELEGRINA, Violet-blue; SALBACH'S ORCHID; BEACON, Scarlet.

Offer No. 430

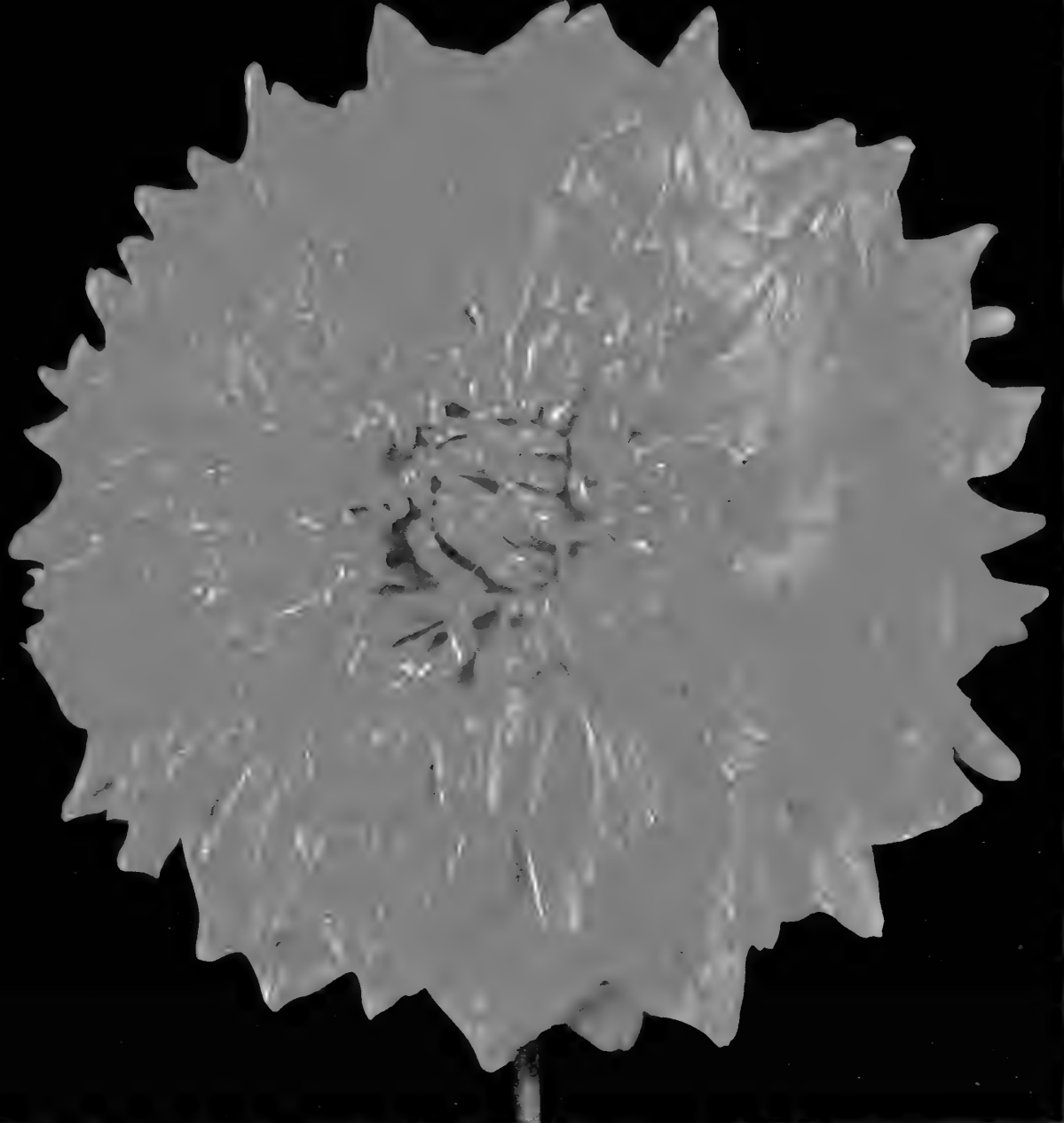
36 Bulbs (6 each of above
6 new varieties, regular
value, \$2.22) postpaid.....

\$1.75

Offer No. 429

72 Bulbs (12 ea. of above
6 new varieties, regular
value, \$3.65) postpaid.....

\$3.00



New Dahlia, "CALIFORNIA IDOL" — 75c each, 3 for \$2.00

A clear, bright, glistening yellow of immense size and a prize-winner from coast to coast.

75c each, 3 for \$2.00, postpaid.

(At right)

POMPON DAHLIAS

LITTLE DONALD. Small, burnt orange.

HIAWATHA. Deep blackish maroon, crimson.

MARY MUNNS. Small, lavender, bronzed.

Any one of the three described above and shown in color at right.

25c each, 3 for 70c, postpaid.





(Above)

RANUNCULUS, TECOLOTE GIANTS

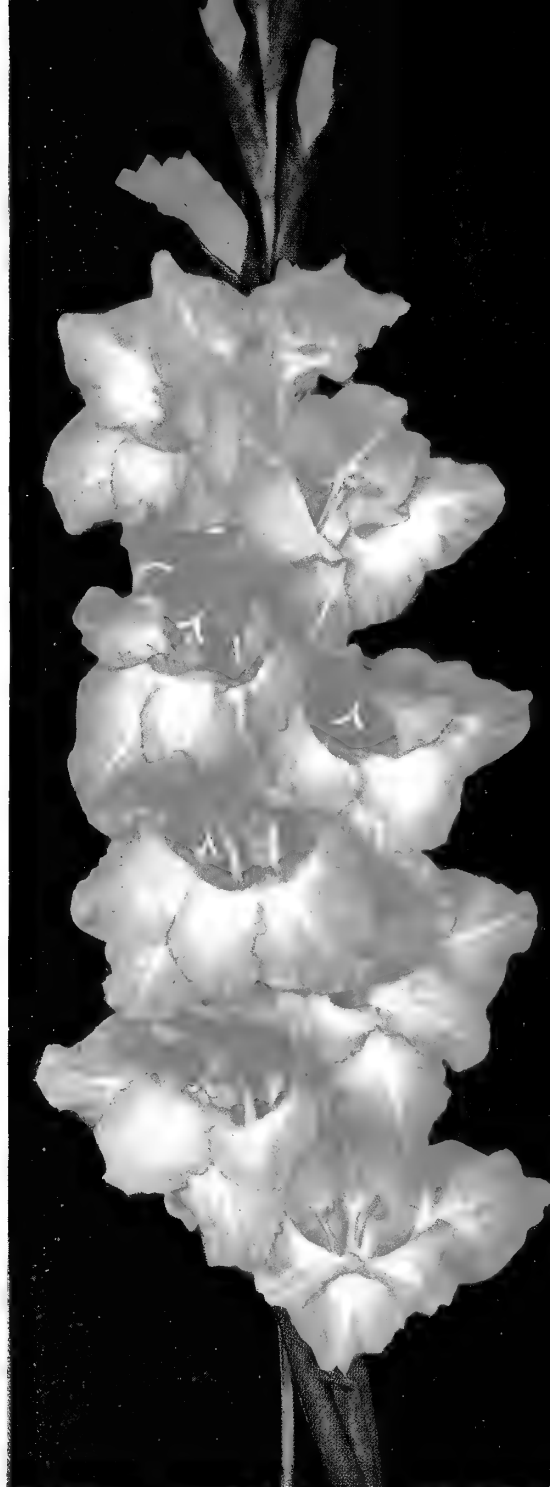
A wonderful range of colors—in fact, every desired color is included in this mixture. Plant the bulbs as soon as the soil has become warm, placing the claws downward. Cover 2" and set 4-6" apart.

3 for 15c; 12 for 55c; 100 for \$3.75.

(Below)

BEGONIAS, TUBEROUS-ROOTED

For growing in shady and semi-shaded places. The enormous flowers are held well above the foliage, displaying a rich color range. Mixed colors, large bulbs (ready in Feb.) 3 for 60c; dozen, \$2.00. Plants (ready in May) 3 for 75c; dozen, \$2.50.



New Gladiolus Beacon

Very large, clear bright rose-scarlet with large cream blotch; 8-10 large somewhat ruffled blooms open on a very tall straight though willowy spike. Beacon will become one of the most popular cut flower varieties. 3 for 30c; dozen, \$1.10; 25 for \$2.00; 100 for \$7.50.

GLADIOLUS—Continued from page 50

Light Pink

Debonair (Med. Early - Ht. 5-6 ft.)—LaFrance pink shading to shrimp pink. with creamy throat blotch. 6 to 8 blooms open on a very tall, always straight spike, flower head often 3 ft. long. 3 for **15c**; 12 for **50c**; 100 for **\$3.50**.

Rose Pink

Salbach's Orchid (Midseason - Ht. 4 ft.)—Large, wide, open bloom of clear orchid-pink. Fine placement, carrying 7-8 heavily textured flowers open at once on fine, strong spikes. 3 for **15c**; 12 for **50c**; 100 for **\$3.50**.

Dark Pink

Peggy Lou (Midseason - Ht. 4½ ft.)—New light rose that has probably won more awards on the show table than any other variety, outside of Picardy. 3 for **43c**; 12 for **\$1.45**; 100 for **\$10.00**.

Scarlet

Beacon (Med. Early - Ht. 6 ft.)—Clear bright rose-scarlet with large cream blotch. It stands out like a beacon in any Gladiolus garden. One of the real 100 per cent class. See color cut. 3 for **33c**; 12 for **\$1.10**; 100 for **\$7.50**.

Red

Red Phipps (Midseason - Ht. 4½ ft.)—Flowers of immense size in long, massive spikes, all out at once. A brilliant red variety. 3 for **15c**; 12 for **50c**; 100 for **\$3.50**.

Rewi Fallu—Early deep blood red. Immense blooms of heavy texture on a moderately tall straight spike. One of the best of this color group. 3 for **43c**; 12 for **\$1.45**; 100 for **\$10.00**.

Commander Koehl (Midseason - Ht. 5 ft.)—Red. Large, brilliant scarlet blood flowers on a tall stem. Fine exhibition sort and one of the best reds. 3 for **18c**; 12 for **60c**; 100 for **\$4.00**.

Dark Red

Morocco (Midseason - Ht. 4 ft.)—Glistening deep red with a fiery sheen. An exhibition sort, with 6 to 8 florets open at one time on a fine spike. 3 for **18c**; 12 for **60c**; 100 for **\$4.00**.

Moorish King (Midseason - Ht. 5 ft.)—Very dark mahogany maroon of fine substance. One of the best "blacks." 3 for **35c**; 12 for **\$1.25**; 100 for **\$8.00**.

Lavender

Minuet (Midseason - Ht. 4 ft.)—Considered one of the best lavender in existence, six blooms generally open at once. Strong spike and heavy foliage; a grand exhibition flower. 3 for **15c**; 12 for **50c**; 100 for **\$3.50**.

Light Violet

Ave Maria (Early - Ht. 4 ft.)—Splendid substantial flowers of a light blue color with a contrasting purple blotch. A great favorite. 3 for **18c**; 12 for **60c**; 100 for **\$4.00**.

Dark Violet

Pelegrina (Early - Ht. 4 ft.)—A pure dark violet-blue. When the first florets open, nearly all of the 16 to 18 buds are showing color. One of the most consistent prize winners. Everyone should have it. 3 for **15c**; 12 for **50c**; 100 for **\$4.00**.

Purple

Chas. Dickens (Pfizer) (Med. Early - Ht. 5 ft.)—Large, deep, rich velvety claret purple with darker blotch. 3 for **15c**; 12 for **50c**; 100 for **\$3.50**.

Smoky

Bagdad (Med. Early - Ht. 5 ft.)—Smoky old rose with the deepest coloring toward the edges and lighter in the throat. A really outstanding Gladiolus. 3 for **14c**; 12 for **45c**; 100 for **\$3.00**.

Mother Machree (Midseason - Ht. 4½ ft.)—Misty lavender, suffused and overlaid with salmon-pink toward the edges of the petals. 3 for **18c**; 12 for **60c**; 100 for **\$4.00**.

Vagabond Prince (Midseason - Ht. 4 ft.)—Another of the "must have" class. Color iridescent garnet brown, shading lighter in the throat with a flame blotch on the lip. Gorgeous. A basket of these would pep up the window of any flower shop. 3 for **18c**; 12 for **65c**; 100 for **\$4.50**.

P.-W.'s Superb Mixed—Our special mixture from the best named types. A well-blended combination of all colors and shades. Plant plentifully so as to have cut flowers in quantity. 3 for **14c**; 12 for **45c**; 100 for **\$3.00**.

Primulinus Exhibition Mixture—Finest improved Primulinus, containing the most beautiful forms and all pastel shadings that will harmonize well together. 3 for **14c**; 12 for **45c**; 100 for **\$3.00**.



Gladiolus (Ruffled Type)

See Shirley Temple, Wasaga.
Gate of Heaven, Golden Chimes.



Gladiolus (Regular Type)

Gladiolus Offer No. 435

SIX POPULAR VARIETIES

Commander Koehl, Scarlet: Debonair, Pink: Maid of Orleans, White: Minuet, Lavender: Picardy, Apricot: Yellow Perfection, Yellow.

24 Bulbs, (4 each of above 6 varieties, regular value, \$1.68), all prepaid **\$1.25**

Gladiolus Offer No. 436

A dollar never bought more of beauty than our Special offer of 50 high crown bulbs, over one inch in diameter, of P.-W.'s Glorious Gladioli, including not less than Five Varieties.

50 BULBS, guaranteed to bloom. Not less than five varieties, postpaid for..... **\$1.00**

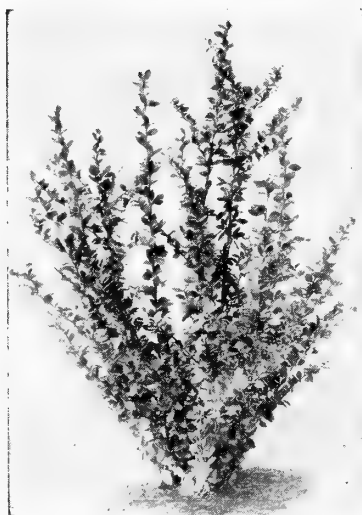
P.-W.'s Hardy SHRUBS

Following each description we indicate the height and spread at maturity. For example: ("H 3-4, S 3-4.") may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." It is understood that the sizes given are only approximate, and will vary considerably, according to soils and climate. Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun.

All prices on shrubs are f.o.b. Salt Lake City. See page 58 for quantity price schedule. If wanted by mail add 3c each extra on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.



Flowering Almond



Mentor Barberry (U. S. Pat. No. 99)



Buddleia

ALMOND, DOUBLE FL.—The flowers are borne on its slender branches during May and are very fragrant. (H 3-4, S 4.) **Double Pink, Double White.** 18-24 in., **50c**; 2-3 ft., **75c**.

***ALTHEA** (Rose of Sharon)—Blooming from August to October; extensively used as hedge plants. We offer in four distinct colors. (H 10-12, S 6-8.)

Double Varieties—Red, Pink, White, and Purple. 2-3 ft., **50c**.

Single Varieties—Coelestis, large flowering, deep blue. 2-3 ft., **75c**.

Althea, red or pink for hedges. Light stock 2-3 ft.; 25 for **\$1.00**.

AMORPHA—False Indigo—Grows in large spreading bush form, with bright green leaves in pinnate arrangements; flowers deep violet-blue in June. (H 8-10, S 8-10.) 2-3 ft., **50c**; 3-4 ft., **75c**; 4-5 ft., **90c**.

ARALIA—Spinosa (Devil's Walking Stick)—Sometimes called "Hercules Club." Blooms July, August, large panicles, white flowers followed by black berries, develops a tree-like form, branches very spiny. (H 15-18, S 7-8.) 2-3 ft., **50c**; 3-4 ft., **75c**.

***BERBERIS**

Japanese Barberry—Beautiful green shrub for hedges, borders, screens or general purposes. Very compact and needs no attention with the shears. (H 3-4, S 3-4.) 15-18 in., **25c**; 18-24 in., **35c**; 24-30 in., **45c**.

For Hedges—12-15 in., 25 for **\$3.00**; 100 for **\$11.00**.

***Mentor Barberry** (Berberis Mentorensis)—U. S. Pat. No. 99. New hardy evergreen barberry that is most interesting and outstanding. It is extremely hardy, having been exposed to temperatures of 30° below zero without a loss, and will grow in all kinds of soil and under all conditions. Ideal shrub for low hedges or foundation plantings. (See cut.) 15-18 in., **60c** each; 3 for **\$1.50**; 12 for **\$4.50**; **\$30.00** per 100. 18-24 in., **75c** each; 100 for **\$40.00**.

Purple Leaved Barberry—Attractively colored, graceful, taller than the Japanese types. (H 6-8, S 5-6.) 15-18 in., **40c**; 18-24 in., **50c**; 2-3 ft., **60c**; 3-4 ft., **75c**.

Red Leaved Barberry (B. Thunbergii Atropurpurea)—In habit of growth identical with the popular Japanese Barberry, but its foliage develops a rich, bronzy-red color. (H 3-4, S 3-4.) 15-18 in., **40c**; 18-24 in., **60c**.

Truehedge Columnberry (Berberis T. Pl. Erecta)—U. S. Pat. No. 110. A new hardy compact hedge plant. After trimming it takes on a Boxwood appearance with dense green foliage which turns to scarlet in the autumn, with striking red berries throughout the winter. For dense hedges, plant 10 inches apart. Price, 15-18 in., **35c**; 5 for **\$1.40**; 25 for **\$5.75**.

BUDDLEIA (Butterfly Bush)

Alternifolia—Very hardy; does not freeze in the winter. Flowers are lavender-purple with a reddish-crimson eye, in very compact clusters. Prolific bloomer. Fine leaves and branches of semi-weeping habit. (H 4-6, S 4-5.) 2 yr., **60c** each.

Farquhar—Deep, rose-lilac flowers. Very prolific. (H 5-6, S 4-5.) 2 yr., **50c**.

Ile de France—New dark claret purple, long spikes, free flowering, vigorous. (H 5-6, S 4-5.) 1 yr. plants, **35c**; 2 yr., **60c**.

CARAGANA—Siberian Pea Tree—Compound leaves bright green; numerous small clusters of yellow flowers. (H 8-10, S 8.) May and June, 18-24 in., **25c**; 3-4 ft., **50c**; 4-6 ft., **75c**.

CALLICARPA—Purpurea (Chinese Beautyberry)—Clusters of pink flowers during August, followed by violet berries. (H 3-4, S 2-3.) 2-3 ft., **50c**.

***CHOKECHERRY—Arbutifolia** (Aronia)—Attractive pale green, foliage coloring to vivid red in the fall. White flowers in May are followed by masses of red berries. (H 7-9, S 6-8.) 18-24 in., **50c**; 2-3 ft., **75c**.

***CORNUS** (Dogwood)

Red Siberian (C. Sibirica)—Produces cream colored flowers in June, light blue fruits, and bright red twigs and branches. (H 6-8, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

Golden Twig (C. Stolonifera, Lutea)—Yellow stemmed. Clusters of white flowers, stems and branches are yellow. (H 7-8, S 7.) 18-24 in., **30c**; 2-3 ft., **45c**.

COTONEASTER

Acutifolia—Hardy and vigorous. Especially desirable for its dense dark green foliage effect and black berries. (H 6-7, S 5-6.) 18-24 in., **45c**; 2-3 ft., **60c**.

Divaricata—Hardy with spreading and arching branches. Small glossy green leaves. Bright red berries in the fall. Excellent for foundation planting. B. Root 2-3 ft., **\$1.00**. Balled Burlapped, 2-3 ft., **\$1.50**.

FOR LANDSCAPE SERVICE, SEE PAGE 58

CYDONIA

Japan Quince (Japonica)—A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in the spring. (H 4-5, S 5.) 18-24 in., 40c; 2-3 ft., 50c. (See color page 61.)

Dwarf Ruby Flowering Quince—It has a low neat habit of growth, good foliage and attractive flowers. (H 3-4, S 3-4.) 18-24 in., 50c.

DEUTZIA

Gracilis—A favorite dwarf bush, covered with spikes of pure white flowers. (H 2-3, S 3.) 18-24 in., 60c.

Lemoine—Flowers single white borne on upright branches. Semi-dwarf. suitable for borders and hedges. (H 3-4, S 2-3.) 2-3 ft., 50c.

Magnifica—An improved form of Crenata. Large clusters creamy white in May. (H 6-8, S 4-5.) 2-3 ft., 50c.

EXOCHORDA (Pearl Bush)—A narrow, upright shrub with intense whiteness of flowers. (H 6-8, S 4.) May, 2-3 ft., 60c.

*EUONYMUS

Alatus Compacta—The autumn foliate and berries, red to scarlet, are the most brilliant of our autumnal colors. The horizontal branching habit and corky twigs enhance its value. Landscape with this shrub. (H 5-6, S 5.) 18-24 in., 85c.

Americana—Similar to above, except that it is a larger grower. (H 7-8, S 6-7.) 2-3 ft., 60c.

ELEAGNUS

Umbrellata (Autumn Eleagnus)—Shrub with handsome gray-green foliage; flowers yellowish-white and very fragrant. (H 10, S 8-10.) 2-3 ft., 75c.

Russian Olive—See page 65.

FORSYTHIA (Golden Bell)

Fortunei—Strong, erect habit; bright golden-yellow flowers in early spring. (H 7-8, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Suspensa (Weeping Golden Bell)—Tall willowy growth, branches gracefully arching, covered with golden-yellow bells. (H 4-6, S 7.) 2-3 ft., 45c; 3-4 ft., 60c.

FRINGE TREE (Rhus Cotinus)—Known as purple fringe. A garden favorite for 2,000 years. Is a most interesting and distinctive flowering shrub. (H 8-10, S 8.) 2-3 ft., \$1.00.

***HAMAMELIS** (Witch Hazel)—Very hardy. Chief attraction is the bright yellow flowers in late fall and early spring. (H 10-12, S 9.) 2-3 ft., 75c.

*HYDRANGEA

Aborecens Grandiflora (Hills of Snow or Snowball Hydrangea)—Snow-white blossoms of largest size; flowering. June. (H 3, S 3.) 2-3 ft., 65c.

Paniculata Grandiflora—Blooms in July; pure white to pink, and finally to a beautiful rich coppery red. (H 5-6, S 5.) 2-3 ft., 65c.

Oak Leaved (Quercifolia)—Leaves similar to an oak leaf. Pure white flowers in midsummer borne in huge panicles. Autumn leaves colorful. (H 3-4, S 3.) 2-3 ft., 85c.

***HONEYSUCKLE** (Bush Lonicera)—Very hardy.

Tartarian—Most popular of the bush varieties. Pink, white. (H 8-10, S 6-8).

Pulcherrima—A new bright red Tartarian.

Fragrantissima, Winter Honeysuckle—Fragrant white and yellow flowers with semi-evergreen foliage. (H 6, S 4.)

Korolkowi Floribundi (Blueleaf Honeysuckle)—A novelty with blue-green foliage and rose-pink flowers. (H 6-8, S 4-5.) 2-3 ft., 75c.

Morrowi—White and yellow flowers. No species more handsome in fruit than L. Morrowi.

Spinosa Alberti—Dwarf growing type with bluish-green leaves and fragrant rose-pink flowers in May and June. (H 2, S 2-3.) 18-24 in., 75c.

Trifida—Very hardy dwarf bush honeysuckle, yellow flowers in May and June. (H 2, S 2-3.) 18-24 in., 60c.

Any of above honeysuckles, except where noted, price 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c; specimen clumps, \$1.25.

KERRIA—Japonica Double—A graceful shrub with attractive orange-yellow flowers borne from June to October. (H 4-5, S 3.) 2-3 ft., 75c.

KOLKWITZIA AMABILIS—Beauty Bush—Long arching branches—all the merits of a perfect shrub—combining hardiness, beauty of foliage, and amazing profusion of pale pink bell-shaped flowers in June. See cut on page 61. (H 6-8, S 6.) 18-24 in., 55c; 2-3 ft., 75c. 4-5 ft., \$1.25.

LOESPEDEZA—Formosa (Bush Cover)—An attractive autumn herbaceous shrub. Rosy purple flowers in September. (H 3-4, S 3.) 1 year, 50c.

*LIGUSTRUM

Vulgare (English Privet)—A hardy hedge plant with lustrous black berries and dense rich green foliage. (H 10-12.) 2-3 ft., 40c. For Hedges, 12-18 in., 25 for \$2.50; 100 for \$7.50; 18-24 in., 25 for \$3.00; 100 for \$10.00; 2-3 ft., 25 for \$4.00; 100 for \$12.50.

Ibota Regelianum (Regel's Privet)—Its horizontal spreading branches make a fine hedge. Also desirable for shrub groups. 2-3 ft., 75c. See page 58 for quantity schedule.

Lodense Privet Dwarf—2 ft. Glossy deep green foliage, splendid for low hedges. (See cut.) 12-15 in., 35c; 15-18 in., 50c. For hedging, 10-12 in., 10 for \$1.75; 25 for \$4.00; 100 for \$15.00.



Truehedge Columnberry



Fringe or "Smoke Tree"



Honeysuckle Pulcherrima

ABOUT PRICE

In comparing prices with other sources, it should be borne in mind the shrubs we offer are well-developed 2, 3, 4 and sometimes 5 years of age, with root development accordingly, depending, of course, on variety.



**KATHERINE
HAVEMEYER**
Large Double Violet

GORGEOUS NEW FRENCH LILACS

Fourteen varieties on their own root, which include three of the world's 12 best French Hybrids. Coming from cold regions like the mountains of China, the Lilac is the plant for our Western States. Lilacs are best planted from the latter part of October until the ground freezes.

Varieties starred thus (★★) belong to the world's 12 best Lilacs. Those starred (★) are highly recommended. (D) following names indicate double petals, (S), single.

★**Charles Jolley** (D). Even toned, dark purple-red. 18-24 in., \$1.25; 2-3 ft., \$1.50. See page 61.

Charles X (S). Schoenfield's purple, opening Argyle purple. 18-24 in., 75c; 2-3 ft., \$1.00.

★★**Katherine Havemeyer** (D). Lilac, opening to a pale lobelia violet. Panicles of the greatest size. 18-24 in., \$1.75; 2-3 ft., \$2.00.

★**Leon Gambetta** (D). Buds Cinnamon drab, opening pinkish-lilac. The finest of all lilacs. 18-24 in., \$1.75; 2-3 ft., \$2.00.

★**Mont Blanc** (S). Buds greenish-yellow, opening pure white. 18-24 in., \$1.25; 2-3 ft., \$1.50. See page 61.

★**Mme. Lemoine** (D). Buds Viridine yellow, opening snow-white. 18-24 in., 75c; 2-3 ft., \$1.00.

Marie LaGraye (S). Buds Viridine yellow, opening white. 18-24 in., 75c; 2-3 ft., \$1.00.

★**Michel Buchner** (D). Buds purple Vinaceous, opening purple to pink-lilac. 18-24 in., 75c; 2-3 ft., \$1.00. See page 61.

President Grevy (D). Buds Hellebore red, opening Mauvette to lavender-violet. 18-24 in., 75c; 2-3 ft., \$1.00.

★**Ruhm Von Horstenstein** (S). Immense blooms of light red-purple. 18-24 in., \$1.25; 2-3 ft., \$1.50.

★**Reaumur** (S). Buds neutral red, opening purple tinged saccardo's violet. 18-24 in., \$1.25; 2-3 ft., \$1.50.

★**Sov. De Ludwig Spaeth** (S). Buds carmine to Schoenfield's purple, opening rose-purple. 18-24 in., 75c; 2-3 ft., \$1.00.

LILAC SPECIES

(Syringa)

Josikaea (Hungarian Lilac). Erect purple flowers blooming late in June. 2-3 ft., 65c.

★**New Chinese** or Rothomagensis. A distinct hybrid variety with slender stems. Reddish-purple flowers. 18-24 in., 50c; 2-3 ft., 75c.

Persian Lilac. Light purple flowers with slender, drooping branches. 2-3 ft., 60c.

Vulgaris (Common white and purple). 18-24 in., 30c; 2-3 ft., 50c.

Japanese Tree Lilac—Grows into a handsome, well-shaped tree 18-20 ft. in height which produces large loose bunches of creamy-white flowers in late June or early July. Deep green foliage. 3-4 ft., \$1.25.

Novelty Lilac Collection Offer No. 258

Consisting of the following:

1 **Katherine Havemeyer**, (D) blue-violet

1 **Mme. Lemoine**, (D) snow-white

1 **Leon Gambetta**, (D) pinkish lilac

3-in-all, size 2-3 ft. (Reg.

price, delivered, \$5.00.)

All postpaid for.....

\$4.00

All prices on shrubs are f.o.b. Salt Lake. See page 58 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c on 2-3 ft. size, and 8c on 3-4 ft. size, for packing and postage.

PHOTINA—Villosa—The charm of this shrub lies in the fruits: red berries from summer till winter. (H 10, S 8.) 2-3 ft., **65c**.

PHILADELPHUS (Mock Orange)—Are desirable shrubs for massing about the boundary of the lawn where it is desirable to screen the view beyond.

Bouquet Blanc—Semi-double blooms; bouquet-like clusters. (H 4-5.)

†Coronarius—Large single flowers; grows tall and upright. (H 6-8, S 4-5.)

Lemoine is a smaller and more delicate form than others. (H 4-5, S 4.)

†Grandiflorus—Similar but a larger grower than Coronarius.

Virginalis (Mock Orange)—One of the most beautiful new varieties. A vigorous, tall grower, with very large, double-crested flowers, with round petals. Pure white, sweetly scented, clusters of blossoms. (H 7-8, S 7.) 18-24 in., **50c**; 2-3 ft., **65c**; 3-4 ft., **85c**.

Any of the above Mock Orange except where noted, price, 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**; Clumps **\$1.25** from those marked †.

Potentilla Fruticosa—A dwarf border shrub, producing an abundance of yellow bloom over a long period of time. (H 2-3, S 3.) 18-24 in., **60c**.

PHYSOCARPUS (Ninebark)

Opulifolius (Ninebark)—Tall shrub, useful for screens; white flowers followed by bright, red fruit in July. (H 8-10, S 6.) 2-3 ft., **45c**; 3-4 ft., **60c**.

Opulifolius Nana (Dwarf Ninebark)—Dwarf form, dense growing, attractive white flowers in May-June, followed by red pods. (H 4-5, S 4.) 18-24 in., **45c**; Clumps, **\$1.00**.

ROBINIA—Hispidia (Rose acacia)—This beautiful shrub is much appreciated because of the abundance of its large, pink, pea-like flowers. (H 4-5, S 5.) 18-24 in., **50c**; 2-3 ft., **75c**.

RHAMNUS—Cathartica (Buckthorn)—A dense twiggy bushy, 6 to 10 feet high, with dark foliage relieved by masses of midsummer white flowers. Makes a good, prunable hedge. 2-3 ft., **50c**.

RHODOTYPUS KERRIOIDES (White Kerris)—For its white flower and black fruits which hang all winter, this shrub is attractive. (H 4-5, S 3.) 2-3 ft., **60c**.

RHUS (Sumac) are desirable because of the wonderful color displays in the autumn; useful for background, steep slopes, parks and semi-wild places.

***Canadensis Dwarf**—Use for banks and borders. (H 3-4, S 4.) 2-3 ft., **60c**.

Copallina (Shining Sumac)—Brilliant glossy foliage. (H 4-6, S 5.) 2-3 ft., **50c**; 3-4 ft., **75c**.

Typhina (Staghorn Sumac)—Develop colored leaves and red fruit. (H 10-12.) 2-3 ft., **40c**; 3-4 ft., **50c**; 4-5 ft., **60c**; 6-8 ft., **\$1.00**.

Typhina Laciniata—A cut-leaved variety producing a fern-like foliage effect. (H 8-10, S 6.) 2-3 ft., **40c**; 3-4 ft., **50c**; 4-5 ft., **60c**; 5-6 ft., **75c**.

SAMBUCUS (Elder)

***Acutiloba** (Cut Leaf Elder)—Attractive finely cut green leaves. White fragrant flowers in June to July, followed by clusters of berries. (H 8-10, S 8.) 2-3 ft., **40c**; 3-4 ft., **50c**.

Canadensis Aurea (Golden Elder)—Bright yellow foliage, commonly used in massed planting to avoid monotony in the green effects. (H 6-8, S 5.) 2-3 ft., **50c**; 3-4 ft., **60c**.

***SORBARIA—Aitchisoni**—Handsome shrub, the bright green, fern-like foliage contrasting well with the bright red stems. Flowers 12 in. long. July to September. (H 6-8, S 6-8.) 2-3 ft., **50c** each; 3-4 ft., **75c** each.

SPIREAS

***Arguta**—Deep green foliage; of minute, purest white flowers. Early May. (H 3, S 3.)

Billiards Spirea (S. Billardi)—Upright grower, with pink flowers in spikes or plumes 5-6 inches long in midsummer. (H 6, S 6.)

Douglasi (Douglas Spirea)—Deep pink spikes of flowers in July and August, a delightful contrast against the white downy leaves. (H 5-6, S 5.)

Froebeli (Froebel Spirea)—Leaves are purple when young. Deep rosy blooms are borne in abundance in the middle of summer and over a long period. (H 3-4, S 4.)

Korean (Trichocarpa)—Produces large, rounded clusters of snowy flowers marked with darker eyes in early June, beautiful glossy green foliage late into the autumn. (H 4, S 4.)

Prunifolia (Double Bridal Wreath)—One of the best: a beautiful shrub medium size, double white flowers in May. (H 6, S 6.)

Thunbergii—Graceful and beautiful at all seasons. White flowers in May. (H 4, S 3.)

***VAN HOUTTE** (Bridal Wreath)—The most satisfactory shrub in cultivation. It is round and graceful with long, thin, arching branches. Flowers in white clusters, so numerous that when in full bloom the bush resembles a snowdrift. (H 6-8, S 6.) May and June. 18-24 in., **30c**; 2-3 ft., **40c**; 3-4 ft., **50c**; 4-5 ft., **65c**. Specimen clump, **\$1.25**. Special for borders and hedging, 18-24 in., 10 for **\$1.50**; 25 for **\$3.25**; 100 for **\$12.00**.

Any of above Spireas, except where noted, price, 18-24 in., **35c**; 2-3 ft., **50c**.



Typical French Lilac
(See page 56)



Spirea Van Houtte



Philadelphus Virginalis

HARDY SHRUB COLLECTION OFFER NO. 447

For the shade on North exposure. Consists of one each of the following shrubs (All three-year-old plants): BARBERRY MENTORENSIS, SYMPHORICARPUS CHENAULTI, HONEYSUCKLE MORROWI, VIBURNUM OPULUS or CRANBERRY, SPIREA ARGUTA, CORNUS

RED DOGWOOD (Regular Value \$3.20), 6 shrubs prepaid.....

\$2.50

When Ordering, Ask for Free Cultural Leaflet on Shrubs

All prices on shrubs are f.o.b. Salt Lake City. See below for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

SYMPHORICARPUS

Chenaulti—A hybrid, the foliage is smaller and the plants are neater throughout than *Vulgaris*. Handsome in fruit. (H 4-5, S 4.)

Racemosus (Snowberry) — A graceful shrub, chiefly planted for its white fruit. (H 4-5, S 4.)

Vulgaris (Coralberry)—Foliage and growth similar to that of *Chenaulti*.

Any of above *Symphoricarpus*, price 18-24 in., **30c**; 2-3 ft., **40c**; 3-4 ft., **50c**.

Any of above *Symphoricarpus* for informal border screens, 18-24 in., 10 for **\$2.50**; 25 for **\$5.50**; 100 for **\$20.00**.

TAMARIX

Hispida (Kashgar)—A distinct variety, with delicate, soft pink sprays of flowers in early Spring and again in July and August. (H 15, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

Summer Glow (T. Pentandra) — New bright wine-red Summer flowering variety. Beautiful gray-green foliage and a profusion of flowers all Summer. Excellent as a cut-flower. 2 year. Each, **75c**.

VIBURNUM

Carlesi—Delicate rose-tinted white, sweet-scented flowers produced in terminal sub-globose cymes 2 to 3 inches in diameter. Good bushy specimens. (H 4, S 3.) B. & B. 18-24 in., **\$2.25**.

***Dentatum** (Arrow-wood)—Green leaves turn to purple and red tones in Autumn. Creamy white flowers, followed by blue-black berries. (H 6-8, S 6.)

Nannyberry (V. Lentago) — Wrinkled Lantana-like leaves; white flowers in May, followed by fruit. Bluish crimson to black. (H 12-15, S 10-12.)

***Opulos** (European Cranberry)—White flowers in June followed by bright scarlet berries, attractive. (H 10-12, S 10.)

Any of above, except noted, 18-24 in., **45c**; 2-3 ft., **60c**.

Opulus Sterilis (Common Snowball) — Ball-like, pure white flowers. (H 8-10, S 10.)

Tomentosum—In May and June flowers are borne in clusters along stalk, more or less flat-topped, 3 to 4 inches wide; followed by red fruit, ultimately turning bluish black. (H 6-8, S 8.)

Any of above, except noted, 18-24 in., **50c**; 2-3 ft., **75c**.

VITEX—Macrophylla—A most graceful plant, with nicely divided foliage with aromatic odor. Pretty lavender-blue flowers, arranged in whorls on long, graceful terminal spikes or racemes, begin blooming in July, continuing until frost. (H 3-4, S 3-4.) 18-24 in., **40c**; 2-3 ft., **50c**.

WEIGELAS

Eva Rathke—Blooms continuously throughout the summer and autumn; flowers are a rich ruby-carmine. (H 4-5, S 5.)

Rosea—A beautiful shrub with rose-colored flowers. (H 5-6, S 5.)

Any of above: 18-24 in., **45c**; 2-3 ft., **60c**.

HARDY SHRUBS FOR HEDGES AND SCREENS

Hedge screens are very popular, they take the place of expensive fences and are far more beautiful. Select from the following:

Althea (Rose of Sharon)	Philadelphus Mock Orange
Barberry, Japanese Green	Honeysuckle Tartarian
Barberry, New Red Leaved	Privet English
Barberry, Mentorensis	Spiraea Van Houtte
Barberry, Truehedge	Symphoricarpus, All Var.

HARDY SHRUB COLLECTION OFFER NO. 450

Consists of 1 each of the following shrubs—all size 18-24 in. field grown:

1 BUDDLEIA ILE DE FRANCE, 1 CORNUS GOLDEN TWIG, 1 HONEYSUCKLE PINK TARTARIAN, 1 SYMPHORICARPUS CHENAULTI, 1 SNOWBERRY, 1 SPIREA DOUGLASSI, 1 SPIREA VAN HOUTTE. (Regular value, \$2.76.)

7 shrubs prepaid **\$2.00**

Let us help you with
your landscape
problems.
Phone or write
for full details



A perspective drawing showing a typical outdoor living room when shrubs and trees are fully developed.

LANDSCAPE PLAN ESSENTIAL

Experience has shown that competent supervision in selecting and placing plant materials results in real economy both in cost and in maintenance. Errors are avoided, thus saving expense due to over planting and the use of unsuited plants. Our Landscape Service is available to care for all details from the drawing of the plan to the construction of the completed garden. For owners who wish to do their own planting, a more limited service is offered, which includes a Landscape Plan to fit individual requirements. Even though you may desire to carry out only a small part of your planting scheme each year, it will pay you to work according to a well-defined and definitely drawn-up plan. Funds are available through FHA, not only for the purchase of plant materials, but for all outdoor developments.

For those in and around Salt Lake City, where a personal call is practical, our Landscape Organization will welcome a consultation at your convenience at your home or office; telephone us. For those at a distance, we have a very efficient "Landscaping by Mail Service" plan that works out most satisfactorily. A post card request will bring you full details.

Quantity Price Schedule for Trees, Shrubs, Etc.

Where each price only is printed in this Catalog the table below determines the 10 and 100 rates on the respective items of trees and shrubs. Unless otherwise specified the prices are f.o.b. Salt Lake City.

Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is
.25	\$ 2.25	\$ 20.00	.70	\$ 6.25	\$ 56.00	1.50	\$13.50	\$120.00	3.50	\$31.50	\$280.00
.30	2.70	24.00	.75	6.75	60.00	1.75	15.00	140.00	3.75	33.75	300.00
.35	3.25	28.00	.80	7.50	64.00	2.00	18.00	160.00	4.00	36.00	320.00
.40	3.60	32.00	.85	8.00	67.50	2.25	20.00	180.00	4.25	38.25	340.00
.45	4.00	36.00	.90	8.50	72.00	2.50	22.50	200.00	4.50	40.50	360.00
.50	4.50	40.00	.95	9.00	76.00	2.75	24.75	220.00	4.75	42.75	380.00
.55	5.00	44.00	1.00	9.50	80.00	3.00	27.00	240.00	5.00	45.00	400.00
.60	5.50	48.00	1.25	11.25	100.00	3.25	29.25	260.00	5.50	50.00	440.00
.65	5.75	52.00									

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

Porter-Walton Co.—Seed and Nursery Specialists—Salt Lake City, Utah

HARDY ORNAMENTAL VINES and CREEPERS

Your home, outbuildings, fences and trunks of old trees can be made very attractive by the use of hardy vines.

AKEBIA QUINTATA—Attractive when growing on stone walls, fences or arbors.

Fragrant purple flowers. Each, 75c.

AMPELOPSIS

Engelmani (New Virginia Creeper)—Equipped with tendrils, by which it will climb walls of stone or brick. Each, 35c.

Veitchi (Boston or Japan Ivy)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface and has a refined habit of growth. Postpaid, each, 50c; established in cans, 75c. Shipping weight, 10 lbs. If by mail add extra at zone rates for postage.



Silver Lace Vine

BIGNONIA

Radicans (Trumpet Creeper)—Large, scarlet trumpet-shaped flowers all summer. Each, 50c.

Mad. Galen—An improved deep orange flower. Most striking of all. Ea., \$1.00.

Celastrus Scandens (Bittersweet)—Attractive for climbing on fences. Yellow flowers followed by orange fruit. Grows in sun or shade. Each, 50c.

CLEMATIS—Many failures are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

Paniculata (Japanese Virgin's Bower)—Strong, rapid growth. Blooming in profusion during August, and continues until Fall. Flowers are white and fragrant. Ea., 50c.

Jackmanii—The best known and valued variety. A perfect mass of bloom. Color, dark, rich, royal purple. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

Mad. Ed. Andre—Large flowering type; crimson-red flowers. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

EUONYMUS

Radicans vegeta (Evergreen Bittersweet)—As a hardy evergreen plant for wall covering, this variety is unequalled. Produces orange-red berries. 2 year, 75c.

ENGLISH IVY (Hedera Helix)—Perfectly hardy splendid evergreen vine on walls with north or west exposure. Also excellent ground cover. Each, 50c. Can size, 75c. Postage extra, 15c.

HONEYSUCKLE (Lonicera)

Halliana (Hall's Japan Honeysuckle)—Semi-evergreen. Fragrant white and yellow flowers. Unquestionably the best ground cover for terraces and slopes. Grows in sun or shade. Each, 40c; 10 for \$3.50; 100 for \$30.00.

Scarlet Trumpet—Scarlet trumpet-shaped flowers. Each, 40c.

New Everblooming (Heckrotti)—Semi-evergreen. Can be grown as shrub, vine, or ground cover. Flowers crimson and golden apricot. See cut page 61. Each, 60c.

SILVER LACE—*Polygonum Auberti*—If in doubt about what to select for a difficult situation, where quick growth is desired—choose a Silver Lace Vine. Each, 45c.

WISTERIA

Sinensis (Purple)—A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 ft. in a season. Flowers violet-blue. Each, 75c.

Sinensis (White)—A white-flowering form of the above. Each, 75c.

Multijuga Floreplena—Long racemes of double purple flowers; beautiful. Ea., 85c.

Weeping Wisteria—Tree form purple *Sinensis* on 4-ft standards. Each, \$6.00.



Clematis Jackmanii

P.-W.'s BROAD-LEAVED EVERGREENS

All Evergreens are quoted f.o.b. Salt Lake City. See page 58 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

BOXWOOD—*Sempervirens*—It is the typical formal plant for gardens where pyramids, globes, and pillars are desired. 18-24 in., \$4.50; 24-30 in., \$5.50.

COTONEASTER—*Prostrata*—Low, flat spreading, bright glossy green, very attractive. Covered in april with masses of tiny pink flowers and in the Fall with minute brilliant scarlet berries and foliage. 12-15 in., \$1.50; 15-18 in., \$1.75; 18-24 in., \$2.25.

BERBERIS (Barberry)

Specus—Very similar in habit to *Wilsonae*. It grows to a height of 4-5 ft., gray-green foliage turning to a brilliant reddish bronze in the Fall. Flowers in yellow clusters followed by orange-red berries. 18-24 in., \$2.00; 24-30 in., \$2.50.

Wilsonae (Wilson Barberry)—4 ft. Gray-green foliage turning a brilliant reddish bronze in Fall. Flowers golden-yellow in dense clusters; salmon-red berries in the Fall. 18-24 in., \$2.00.

DAPHNE—*Cneorum* (Garland Flower)—An evergreen, hardy plant, with closely set, glossy, narrow leaves. Blooms in May in round clusters of bright pink fragrant blossoms. Borne in great profusion. 12-15 in., \$2.50.

EUONYMUS—*Japanese Green* and *Golden Variegated*—These are upright shrubs of moderate size, rather compact growth. Foliage is green, or green with yellow center, depending on variety ordered. Bush form either type. 15-18 in., \$1.00; 30-36 in., \$3.00.

MAGNOLIA—*Stellata* (Star Magnolia)—Spreading shrub by habit. Fragrant semi-double white flowers appearing long before the leaves. Grows to height of about 8 ft. B & B 2-3 ft., \$7.00 each.

MAHONIA—*Aquifolia* (Orange Grape or Holly-leaved Ashberry)—Beautiful evergreen shrub with smooth, shining holly leaves; bright yellow flower clusters in May and blue berries. The leaf color varies capriciously throughout the year, assuming all shades of green, with flecks of red and bronze. 18-24 in., \$3.00; 24-30 in., \$3.50.

PYRACANTHA—*Fire Thorn Burning Bush* (*P. coccinea Lalandii*)—Deservedly popular on account of its clean, upright growth, bearing to great profusion of small flowers in flat corymbs, followed by a mass of orange-red berries in early Fall. 18-24 in., \$1.95; 24-30 in., \$2.50; 30-36 in., \$2.90; 36-40 in., \$3.90; 4-5 ft., \$4.90. (See p. 79.)



Mahonia Aquifolia

Evergreens are a Joy the Whole Year Round—Use More of Them



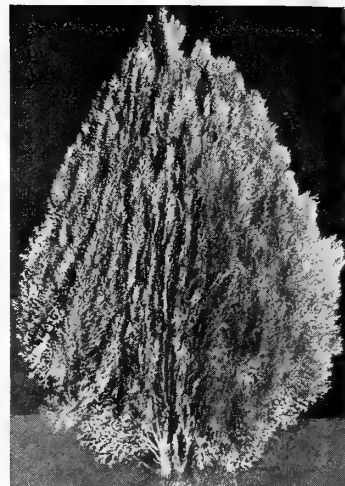
1—*Juniper chinensis* 2—*Pfitzer*
3—*Thuya Meldensis*



Koster Blue Spruce

Our evergreens are of the better varieties for landscaping, and have been tested for hardness for western semi-arid conditions.

All Evergreens are quoted f.o.b., Salt Lake City. See page 58 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel-Post shipment.



Thuya Berkman's Golden

JUNIPER (*Juniperus*)

Chinese Pyramidalis Blue (Column Juniper) — Very hardy and retain desirable blue color effect during the winter; growth resembles the well-known Italian Cyprus. 18-24 in., \$3.50; 30-36 in., \$4.25; 3-4 ft., \$5.50; 4-5 ft., \$8.00; 5-6 ft., \$10.00.

Communis Depressa—The well-known, many-stemmed Dwarf Juniper. Rarely exceeds 2 feet in height; good for ground cover. 18-24 in., \$3.25.

Hibernica (Irish)—Very narrow pyramid form, useful for its spiral-like effect. 18-24 in., \$3.75; 24-30 in., \$4.50.

Horizontalis Depressa Plumosa — Very low-creeping, forming a mat of green with slight bluish tint. 15-18 in. spread, \$2.50; 18-24 in., \$3.50.

Pfitzer (*J. Chinensis Pfitzeriana*)—Handsome semi-dwarf creeping junipers. 12-15 in., \$2.00; 15-18 in., \$2.90; 18-24 in. spread, \$3.50; 24-30 in., \$4.50; 30-36 in., \$5.50; 3-4 ft., \$7.00.

Sargenti (Sargent Juniper)—Forms a low, dense mat of widespreading branches covered with small green scale-like leaves, mixed with pointed ones. 18-24 in., \$3.75.

Sabina (Savin Juniper)—A semi-erect, bushy plant; useful for grouping and foundation planting. Foliage an even shade of medium green. 15-18 in., \$2.90; 18-24 in., \$3.50.

Sabina Tamariscifolia—Produces a dense, compact mat of gray-green foliage spreading 6-7 ft. and never more than 18 in. high. 15-18 in., \$3.50; 18-24 in., \$4.25.

Squamata Meyeri (Meyer Juniper)—Most unusual in color and habit. Plump, pointed and prickly foliage. A distinct blue color. Prostrate. Irregular growth. 18-24 inches, \$4.75.

Dundee Juniper (*Virginiana Pyramidiforma*)—Makes a compact, symmetrical pyramid of moderate size. Greyish green in the summer, turning a purplish plum color in the fall. 3-4 ft., \$6.00; 4-5 ft., \$8.00; 5-6 ft., \$10.00.

Scopulorum (Colorado Juniper)—Narrow, compact, and symmetrical. One single stem, in contrast to some varieties of Junipers with several; safe from heavy snows and wind; remains a good healthy color throughout the year. It is a tree that thrives in dry weather. 30-36 in., \$5.00; 3-4 ft., \$6.00; 4-4½ ft., \$7.00; 4½-5 ft., \$8.00; 5-5½ ft., \$9.00; 5½-6 ft., \$10.00; 6-6½ ft., \$11.00; 6½-7 ft., \$12.00; 8-9 ft., \$15.00.

Virginiana Cannarti (Cannart Red Cedar)—Deep rich green heavily tufted foliage; middle size reaching 12 to 15 feet. It can be easily trimmed and thus maintained at any size wanted. 15-18 in., \$2.75; 3-4 ft., \$6.00; 4-5 ft., \$8.00; 5-6 ft., \$10.00.

Virginiana Keteleeri—Hardy evergreen of pyramidal, formal outline; deep green scale-like leaves. Compact habit. Very hardy. 4-5 ft., \$8.00; 5-6 ft., \$10.00.

SPRUCE (*Picea*)

Black Hills Spruce—Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage

bright green to bluish tints. 2½-3 ft., \$5.50; 3-3½ ft., \$6.50; 3½-4 ft., \$8.00; 5-6 ft., \$12.00; 6-7 ft., \$15.00.

Koster's Blue—The aristocrat of the evergreen family, by far the shapeliest spruce, and the truest, most persistent blue in color of any known tree. Formerly imported from Europe, but now again in American propagation. 2½-3 ft., \$9.00; 3-3½ ft., \$14.00; 4-5 ft., \$18.00; 5-6 ft., \$22.00.

Blue Spruce (*P. Pungen Glauca*)—It is the rare blue of any evergreen; fine compact habit. (Utah State Tree.) Select this for living Xmas Tree. 12-15 in., \$2.50; 1½-2 ft., \$5.00; 2-2½ ft., \$6.50; 2½-3 ft., \$7.50; 3½-4 ft., \$10.00; 4-5 ft., \$12.00; 5-6 ft., \$15.00.

Colorado Spruce (*P. Pungens*)—Similar to above except foliage is light green. 1½-2 ft., \$3.00; 2-2½ ft., \$5.00; 2½-3 ft., \$6.00; 3-4 ft., \$7.00.

Norway—Effective in groups or for hedges and wind breaks. Foliage is rich, dark green and this variety is most commonly used for Christmas trees. 1½-2 ft., \$3.50 each; 2½-3 ft., \$4.50 each.

PINE (*Pinus*)

Austrian—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Coal, gas and smoky atmosphere have no effect on its growth. 18-24 in., \$3.50; 2-3 ft., \$4.50 each.

Mugho (Dwarf Pine)—Leaves short, and formal, thickly distributed in tufts over the branches; globular form. 10-12 in., \$1.75; 12-15 in., \$2.25; 15-18 in., \$3.25; 18-24 in., \$4.25; 24-30 in., \$5.00.

THUYA (*Arborvitae*)

Beverleyensis (Golden Tinged Column *Arborvitae*)—15 to 20 ft. The tallest and stateliest of *Arborvitae*, growing into a narrow pyramidal column of golden green foliage. 18-24 in., \$2.75; 24-30 in., \$3.50; 30-36 in., \$4.00; 3-4 ft., \$5.00; 4-5 ft., \$6.50.

Globosa (Globe *Arborvitae*)—Forms a dense low globe; handsome shade of green. 18-24 in., \$3.75.

Meldensis—Pyramidal in shape, of dense growth; foliage a deep shade of green. Dwarf habit, 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50.

Orientalis Aurea Nana (Berckman's Dwarf Evergolden *Arborvitae*)—The most wanted *Arborvitae*. Very dwarf, golden tipped, oval shape. Always shapely and beautiful. 10-12 in., \$1.50; 12-15 in., \$1.75; 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50; 3-4 ft., \$7.50.

Occidentalis Pyramidalis (Pyramidal *Arborvitae*) — Compact, erect. Foliage a deep green, retaining color. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$6.00; 4-5 ft., \$7.75; 5-6 ft., \$9.50.

Orientalis Pyramidalis (Chinese *Arborvitae*) — Comparatively low, broadly pyramidal tree. Color yellowish-green. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$5.50; 4-5 ft., \$6.50; 5-6 ft., \$8.00.

Charming French Lilacs

CHARLES JOLY

Double, Purple pink
2-3', \$1.50 each.

MONT BLANC

Single, Bushy, open, white
2-3', \$1.50 each.

MICHEL BUCHNER

Double, Opening purple to pink-
ac 2-3', \$1.00.

COLLECTION No. 459

Consists of one each of the
above, size 2-3' for

\$3.50

Prepaid

For general list of Shrubs and
Climbers see pages 54-59, in-
clusive.)



"SUMMER KING"

(At right)

New Everblooming Climbing Honeysuckle Heckrotti

Growing 10-12 feet, producing large fragrant flame-red trumpet flowers
red with yellow summer. Many clusters blooming from late summer
until frost. New, produced the first year from plant. 1st year
to age 1st year from 2-yr. plants, each 65c, prepaid



BEAUTY BUSH

Kolkwitzia Amabilis 18-24", each 65c, prepaid.

CYDONIA JAPONICA

Japanese Flowering Quince

An attractive shrub attaining a height and spread of about 6 feet,
producing a gorgeous array of brilliant crimson flowers in late
spring. 2-3', each 55c, prepaid.

COLLECTION No. 460

2 Everblooming Climbing Honeysuckle Summer King
2 Beauty Bush, 2 Cydonia Japonica, as illustrated and
priced on this page.

\$3.00



**DOUBLE
FLOWERING
CHERRY
KWANZAN**

(See color illustration at right.)

A very shapely, upright growing tree completely covered with a mass of large double pink flowers in May.

3-4' \$1.25

4-6' \$1.75

For complete list of Hardy Shade and Flowering Trees see pages 63-66.



**Ornamental Tree Collection
No. 462**

Consists of the following: 1 Double Flowering Kwanzan Cherry, 4-6'; 1 Bechtel's Double Flowering Crab, 4-5'; 1 Paul's Scarlet Hawthorne, 5-6'.

(Regular delivered price \$5.75.)

Fully prepaid for only..... **\$4.75**

**Flowering Crab Collection
No. 463**

Consists of 1 Bechtel's Double Pink; 1 Scheideckeri, single deep pink flowers, yellow fruit; 1 Eleyi, richly colored blood-red flowers and purplish bronze foliage—3 trees in all (regular pre-

paid price \$3.65) all prepaid for... **\$3.00**



(At left)

**Bechtel's
Double
Flowering
Crab**

Hardy, of medium size and covered in early spring with large, beautiful double, fragrant flowers, resembling small roses of a delicate pink. Ideal for a small yard. **3-4' \$1.25, 4-5' \$1.50, 5-6' \$1.75 each.**

(At right)

**Paul's Scarlet
Hawthorne**

Flowers deep crimson scarlet, very double, followed by large red berries borne freely. **6-8' \$2.50, 4-6' \$2.00.**



P.-W.'s ORNAMENTAL TREES

All prices quoted on trees are f.o.b. Salt Lake City. See page 58 for quantity price schedule. Small sizes under four feet can be sent parcel post where desired. Add 15c each extra for packing and postage.

AILANTHUS—Grandulosa (Tree of Heaven)—A rapid growing, lofty tree, long, elegant foliage. Exempt from disease and insects. 6-8 ft., **\$1.50** each; 8-10 ft., **\$1.75** each; 10-12 ft., **\$2.25**.

ASH (Fraxinus)

American White—A rapid growing native tree of fine symmetrical outline. Price—5-6 ft., **\$1.00** each; 6-8 ft., **\$1.50** each; 8-10 ft., **\$2.00** each.

Green Ash—Shapely round top with dark green foliage. Price—3-4 ft., **75c** each; 5-6 ft., **\$1.00** each; 6-8 ft., **\$1.50** each; 8-10 ft., **\$2.00** each.

European Mountain Ash—Flowers white, in flat clusters, four to five inches broad, followed by rather large, red berries. Very handsome at any season. 6-8 ft., **\$2.00** each; 8-10 ft., **\$2.50** each.

BIRCH (Betula)

Cut Leaved Weeping Birch—The main trunk has snow-white bark and grows straight as an arrow. Branches spread but slightly, while the fine slender shoots hang vertically. The foliage is fine and deeply cut. Very beautiful. 7-8 ft., **\$2.75**; 9-10 ft., **\$3.00**.

European White Birch (Betula Alba)—Tall, upright; distinctive white bark. 6-8 ft., **\$1.50**; 8-10 ft., **\$1.75**.

BOX ELDER—Ash-Leaved Maple—A fine, rapid-growing avenue tree, withstands both cold and drouth; thrives where others fail. 6-8 ft., **\$1.00**.

CATALPA

Bungel (Umbrella Tree)—Beautiful globe-shaped tops being grafted high on clean, straight stems. 2-year-old heads, **\$2.50**.

Speciosa (Western Catalpa)—Rapid grower, producing large panicles of fragrant flowers, delicately marked with violet and yellow. 4-6 ft., **75c**; 6-8 ft., **\$1.25**; 8-10 ft., **\$1.75**.

FLOWERING CRABS—From the standpoint of good growth, foliage, flower and fruit, are more satisfactory than any other group of small flowering trees. Their hardiness, wide adaptability to soil and climatic conditions, make them especially well adapted to our Mountain States.

Atrosanguinea—12 ft. Carmine flowers and fine red branches and fruit.

Bachtels—12 ft. Large, double, pink, rose-like flowers. 3-4 ft., **\$1.25**; 4-5 ft., **\$1.50**; 5-6 ft., **\$1.75**.

Dolga—12 ft. Large white flowers followed by a great crop of red Crab Apples. Fruit makes up into jelly of the finest flavor. 3-4 ft. only.

Eleyi Purpurea—15 ft. One of the best, the tree produces a mass of red bloom against a purplish bronze foliage. Dark red fruit that makes fine jelly.

Floribunda—10 ft. Rose-pink buds opening to single white flowers, fruit reddish-yellow.

Hoppi—15-18 ft. Produces large single rose-red flowers in profusion. Fruit red inside and out. Makes fine jelly.

Halliana Parkmani—10-15 ft. of spreading habit with glossy deep green foliage and double pink flowers. Fruit purplish red.

Red Silver—10-15 ft. Red from top to bottom in bark, tree, leaf, and flower. The leaves have a cut-leaf character and are maroon, red and silver in color. 3-4 ft. only.

Scheideckeri—10-15 ft. Large, semi-double pink flowers; waxy yellow fruits.

Any of above Crabs, except where noted, 3-4 ft., **\$1.00**; 4-5 ft., **\$1.25**.

ELM (Ulmus)

American Elm (Ulmus Americana)—Tall and stately with a graceful, wide-spreading form. 4-6 ft., **75c** each; 6-8 ft., **\$1.25** each; 8-10 ft., **\$1.75** each; 10-12 ft., **\$2.25** each.

Chinese or Siberian Elm—A clean, fast grower. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drouth, alkali and extreme temperature makes it very valuable for the West. Selected stock. 3-4 ft., **35c** each; 5-6 ft., **50c**; 6-8 ft., **75c**; 8-10 ft., **\$1.00**; 1½-2 in. Cal., **\$1.75**; 2-2½ in. Cal., **\$3.00**.

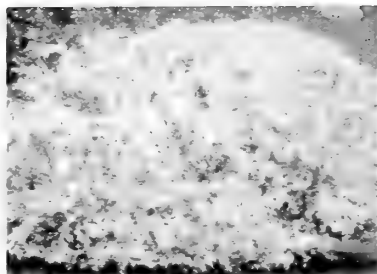
Camperdown Elm—Always top grafted. Limbs grow outward and downward, giving the tree a remarkable picturesque aspect. 2-year heads, **\$3.25** each.

English Elm—A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc. 6-8 ft., **\$2.50** each; 8-10 ft., **\$3.00** each.

Moline Elm—In shape like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading. 6-8 ft., **\$1.75** each; 8-10 ft., **\$2.25** each.

Cork Elm—Tall, majestic, with spreading branches, corky winged; free from scale and disease. 6-8 ft., **\$2.50**.

CERCIS—Canadensis (Redbud)—Striking ornamental trees loaded with a mass of pea-shaped pink blossoms in early Spring, before the leaves appear. 5-6 ft., **\$1.25**.



Floribundi Crab



Cut-Leaved Weeping Birch



Chinese or Siberian Elm

FLOWERING CHERRIES

Double (Prunus Florepleno) — A charming small tree with branches completely covered with a mass of large double flowers in May. Either **Kwanzan**, Double Pink, or **Mt. Fuji**, Double White. 3-4 ft., **\$1.25**; 4-6 ft., **\$1.75**.

Japanese Weeping Cherry — Famous flowering cherries of Japan. Beautiful specimens, blooming in profuse panicles of beautiful single pink flowers. 5 ft. Standards, **\$3.25** each.

CELTIS—Occidentalis (Hackberry)

A valuable shade tree with wide spreading, somewhat pendulous branches. Forms a round-topped head with bright green leaves turning light yellow in the fall. 6-8 ft., **\$2.00** each.

SPECIAL BARGAIN CHINESE ELMS

Good, vigorous Nursery Run Stock, excellent for planting Groves, Wood Lots, Farm and Ranch Fence Lines.

3-4 ft. size, 25 for \$5.00; 50 for \$ 9.00; 100 for \$17.50

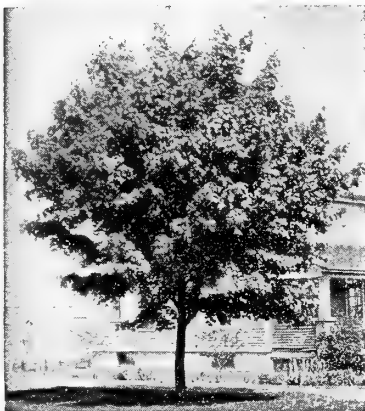
4-5 ft. size, 25 for \$6.00; 50 for \$11.00; 100 for \$20.00

5-6 ft. size, 25 for \$7.50; 50 for \$13.00; 100 for \$25.00

All packed f.o.b. Salt Lake City



American Linden



Norway Maple

Let our LANDSCAPE DEPARTMENT assist you in your landscaping problems. A post card will put you in touch with this service.



P.-W.'s Hardy Orchid Fl. Acacia

GOLDEN CHAIN—Laburnum Vulgaris—Small, quick-growing tree with soft, deep green clover-shaped leaves retaining their color until late in Fall. Flowers fragrant, bright yellow, in long, drooping racemes. 5-6 ft., **\$1.75**.

GINKGO—Maidenhair Tree (Ginkgo Biloba)—A rare tree from Asia with fern-like foliage, unlike any other. Free, angular, independent branches, distinct. 6-8 ft., **\$3.50**.

HORSE CHESTNUT—White Flowering—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 7-8 ft., **\$3.00** each; 9-10 ft., **\$3.50** each.

HAWTHORNE (Flowering Thorns)

English Double Flowering White—Fragrant flowers in May and June. 4-6 ft., **\$2.00** each.

Paul's Double Scarlet—Flowers deep crimson scarlet; very double, followed by large red berries borne freely. 6-8 ft., **\$2.00**; 5-6 ft., **\$1.50**.

LINDEN

American—Broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters, intensely fragrant. 6-8 ft., **\$2.25** each; 8-10 ft., **\$2.75** each.

European (Lime Tree)—Pyramidal shape, foliage similar to American Linden, white flowers in June. 6-8 ft., **\$2.50** each; 8-10 ft., **\$3.00** each.

LOCUST (Robina)

Common or Black Locust—Rapid growth, valuable for timber as well as ornamental. The flowers in long racemes, white and fragrant, in June. 4-6 ft., **50c** each; 6-8 ft., **90c** each; 8-10 ft., **\$1.25** each; 10-12 ft., **\$2.00** each; 12-14 ft., **\$2.50** each.

Globe Locust—Unusually attractive; forms round-headed tree—without trimming. 1-year head, **\$2.25**; 2-year head, **\$2.50**; 3-year head, **\$3.00**.

Honey Locust—A large vigorous tree, with wide spreading branches, feathery. 4-6 ft., **\$1.00** each; 6-8 ft., **\$1.25** each; 8-10 ft., **\$1.75**.

Thornless Honey Locust—Identical in hardness, foliage, size, and habit of growth with the regular Honey Locust. The only difference being it is without spikes or thorns. 6-8 ft., **\$2.00**; 8-10 ft., **\$2.50**.

MAPLES (Acer)

Silver—A large tree. Very fast grower, makes dense shade and thrives in any soil. 6-8 ft., **\$1.25** each; 8-10 ft., **\$1.75** each; 10-12 ft., **\$2.00** each.

Norway—A large, spreading, rounded form, with shiny, deep green foliage. Very symmetrical. A most desirable species for the street, park or lawn. 6-8 ft., **\$1.75**; 8-10 ft., **\$2.25**; 10-12 ft., **\$2.75** each.

Purple Leaf Japanese Maple (Acer palmatum atropurpureum)—Attractive dwarf tree. At maturity 6 to 8 feet in height. Broad leaves highly colored reddish-purple. B. & B. 18-24 in., **\$3.75**.

Schwedleri—A red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green, in autumn, golden-yellow. 6-8 ft., **\$3.00**.

Purple Leaf Norway Maple—Same habits and size of growth as the well-known Sycamore Maple, but the foliage is a beautiful reddish-purple during the early season. 4-5 ft., **\$1.50**; 6-8 ft., **\$2.50**.

MULBERRY

Mulberry, Russian—Rapid growth; round headed, profuse foliage; used to attract birds. 5-6 ft., **\$1.00** each; 6-8 ft., **\$1.50** each; 8-10 ft., **\$2.00** each.

Mulberry Tea Weeping—The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. Prized for lawn planting. 2-year heads, **\$3.25**.

Kingman (Fruitless)—30 ft. A good strong growing dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for southern Utah, Nevada, and other hot, dry arid climates. 7-8 ft., **\$2.50** each.

OAK—Red Oak—A tall tree with broad top and thick trunk, and immense leaves, highly colored in autumn. 6-8 ft., **\$3.50**.

OLIVE, RUSSIAN—Eleagnus Angustifolia—Small tree growing to a height of 10-20 ft. Leaves silvery green. Very hardy, vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 3-4 ft., **65c**; 5-6 ft., **\$1.00**; 6-8 ft., **\$1.25**; 8-10 ft., **\$1.50**.

P.-W.'s NEW HARDY ORCHID FLOWERED ACACIA—This new variety is a marvelous development in the Robinia family. It is a hardy, thrifty grower, producing at maturity well developed and branched trees 25-30 feet in height. While its graceful, feather-form, green foliage is attractive, yet its real claim to beauty is the very showy flowers, profusely produced in June, in long, drooping, sweetpea-like clusters of a very deep orchid color. Because of its easy growth, hardness, beauty, and adaptability to varied climatic conditions, this variety should find a place in every planting, and become the leader among flowering trees. 7-8 ft., **\$2.50** each; 8-9 ft., **\$2.90** each.

POPLAR (Populus)

Bolleana—A tall columnar, rapid growing, hardy tree. Leaves glossy green above and silvery beneath. 4-6 ft., **40c** each; 6-8 ft., **80c** each; 8-10 ft., **\$1.10** each; 10-12 ft., **\$1.75** each.

Canadian—Rapid growing, sturdy variety, surviving even in poor and alkaline soil situations. 6-8 ft., **55c**; 8-10 ft., **75c**.

Carolina—Rapid grower; quick shade. 6-8 ft., **50c** each; 8-10 ft., **60c** each; 10-12 ft., **75c** each; 12-14 ft., **\$1.00** each.

Lombardy—Grows narrow and columnar. 4-6 ft., **35c** each; 6-8 ft., **50c** each; 8-10 ft., **75c** each; 10-12 ft., **\$1.00** each.

FLOWERING PEACH

Double Flowering—Simply a mass of blossoms, appearing before the leaves, making an immense bouquet of gorgeous color. Fast growing and very hardy.

Double White, Double Pink, Double Red. 2-3 ft., 50c; 3-4 ft., 75c; 4-5 ft., \$1.00; 5-6 ft., \$1.50.

Weeping—Double Flowering—White—Pendulant branches massed with double white blossoms before the foliage appears. Most attractive. 5 ft. Standards, 3-yr. heads, \$1.50 each.

FLOWERING PLUMS

Bliriana (New Flowering Plum)—In early spring a mass of double pink flowers, followed by very dark reddish-purple foliage, which is retained throughout the season. 4-5 ft., \$1.00 each; 5-6 ft., \$1.25.

Pissardi—Purple-leaved plum. 3-4 ft., 65c; 4-5 ft., 90c.

Newport—Flowers single rosy white in early spring followed by richly colored foliage. Fruits magenta red. 4-5 ft., \$1.00 each.

Triloba (Double Flowered Plum)—Before leaves appear the whole tree is a mass of very double, pink blossoms. 3-4 ft., 75c each; 4-5 ft., \$1.00 each.

PLANE ORIENTAL—London Plane—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the very best street trees. 6-8 ft., \$2.25; 8-10 ft., \$2.75; 10-12 ft., \$3.50; 12-14 ft., \$4.00.

TULIP TREE—Tall, pyramidal habit; bluish-green, glossy, fiddle-shaped leaves; flowers tulip-like, greenish yellow. 3-4 ft., \$1.50; 6-7 ft., \$2.75.

SYRINGA JAPONICA—Japanese Tree Lilac—Grows into a handsome, well-shaped tree 18-20 ft. in height which produces large loose bunches of creamy-white flowers in late June or early July. Very handsome deep green foliage. 3-4 ft., \$1.25.

SOPHORA—Japonica (Pagoda Tree)—The leaves are an old feather form, round base but pointed. Green above and gray and hairy beneath. Flowers in long pea-shaped panicles, creamy white. Grows 30 to 40 ft. high. 4-5 ft., \$2.00.

VARNISH TREE—Koelreuteria Paniculata—Sometimes known as "Golden Rain Tree." Very decorative, growing to a height of 25-30 ft. In July, its yellow flowers are borne in clusters 12-18 inches long. Very showy. This is hardy in the Salt Lake Valley and areas of similar climate. 5-6 ft., \$3.75.

WALNUT—Black—A magnificent tree attaining great size. Its edible nuts are borne in great quantity. 4-6 ft., \$1.00 each; 6-8 ft., \$1.50; 8-10 ft., \$2.00.

P.-W.'s Special Windbreak Collection No. 471

The varieties selected here are especially fitted to stand the most vigorous and exposed situations in the upper valleys of the Intermountain States.

30 SIBERIAN ELM, 18-24 in.; 30 BLACK LOCUST, 18-24 in.; 30 RUSSIAN OLIVE, 18-24 in.; 50 CARAGANA, 10-15 in.

All of the above delivered to your nearest Express or Postoffice for.....

\$9.00

P.-W.'s FRUIT TREES

At our Nurseries we grow a particularly fine lot of strong, healthy trees. This stock has been selected and critically grown. Detailed planting and cultural directions free with each order. Ask for them.

It is not necessary to buy 10 or 40 of a single variety to secure the respective quantity rates; 10 or more assorted fruit trees may be priced at the ten rates applying on the particular varieties selected, and 40 or more may be priced at the 40 or more price schedules. On all orders below ten, the each prices apply.

Apples

"The King of Fruits"—"An Apple a Day Keeps the Doctor Away"

No fruit can be more pleasant to the palate or more beautiful to the eye than the rich, ripe apple when plucked from the tree or more luscious and beautiful when cooked.

AUTUMN VARIETIES

Gravenstein—Yellow, red striped, very large. Ripens in September.

Twenty Oz. Pippin—Large yellow and striped. Good cooking apple.

Wealthy—Dark red, sub-acid. Trees bear very young.

SUMMER VARIETIES

Early Harvest—Medium size, nearly round, pale yellow, July and August.

Early Redbird—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing scarlet-red apples—almost twice the size of Early Transparent. Very satisfying. Vigorous grower, hardy everywhere.

Red Astrachan—Fruit large, beautiful deep crimson yellow. Ripens July and August.

Red June—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.

Yellow Transparent—One of the earliest, pale yellow when ripe; good quality. Succeeds well in cold climates. Ripens in July.

WINTER VARIETIES

Cortland—A cross between McIntosh and Ben Davis. Really a late keeping McIntosh of increased size.

Red Delicious—Large, handsome, extra deep red winter apple, delightful flavor; ripens late Fall.

Golden Russet—Good medium sized early winter apple. Russet brown turning golden-yellow when ripe. Fine flavor.

Jonathan—Probably the best apple in regard to flavor and quality ever grown in America. Extra deep red.

McIntosh Red—Most popular hardy red apple, largely planted where extreme hardness is required. Our buds are from a true red selected strain.

Rhode Island Greening—Large greenish-yellow.

Red Rome Beauty—Fruit large, yellow with extra deep red; good quality and long keeper.

Staymans Winesap—Smooth, greenish-yellow, splashed and striped with red and purple.

Winter Pearmain—Pale yellow; flesh yellow, juicy, tender.

Winter Banana—Fresh golden yellow; fine grained, juicy.

The grades and prices on all varieties are as follows, f.o.b. Salt Lake City:

(Standard Varieties)

	Inches	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	75c 50c
Coml. Orchard	3 ft. up	7/16-9/16	60c 45c
Mail Size	2 ft. up	5/16-7/16	50c 40c
Extra Spec. Size	5 ft. up		\$1.00 75c

Write for prices on larger quantities

CRAB APPLES—Highly esteemed for making jelly; extremely prolific bearer.

Siberian—Beautiful red. September.

Prices on Crab Apples are same as other varieties—
See above schedule.



Double Flowering Peach

WILLOW

American Black—6-8 ft., 60c; 8-10 ft., 85c.

Babylonian Weeping Willow—Stately, with long, pendant branches, silvery foliage. Easily transplanted. 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.00.

Golden—Good for windbreaks. 6-8 ft., 60c; 8-10 ft., 85c each.

Matsudana (Hankow Willow) — From China, grows more upright than "Babylonian." Very vigorous, rapidly develops into magnificent tree 35 ft. in height. Hardy everywhere. 4-6 ft., \$1.00; 6-8 ft., \$1.25.

Pussy Willow—Attractive catkins form on the branches in early spring. 3-4 ft., 40c each; 5-6 ft., 60c; 6-8 ft., 85c.

Weeping Golden Willow—The weeping form of the well-known Golden Willow. At maturity 25 to 30 feet high. Very hardy. 6-8 ft., \$1.75.



P.-W.'s Chinese Apricots

APRICOTS—Plant trees 20 to 25 feet apart each way.

	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	75c	50c
Coml. Orchard	3 ft. up	7/16- 9/16	60c	45c
Mail Size	2 ft. up	5/16- 7/16	50c	40c
Extra Spec. Size.....	5 ft. up		\$1.00	75c

Write for prices on larger quantities

Colorado—Fruit very large and of excellent color. Flesh bright orange, tender, mild, very juicy.

P.-W.'s Chinese—Large, round, deep yellow. Late June.

Jones—Similar in most every respect to P.-W.'s Chinese; highly prized locally.

Moorpark—Very large, yellowish-green; best variety for no colder sections than Salt Lake. Late June.

NECTARINES—The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is remindful of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

Boston—Bright yellow, red cheek; flesh yellow, freestone, fine flavor. 4-6 ft., each, **90c**; **\$8.50** per 10. 2-3 ft., each, **70c**; **\$6.00** per 10.

NUT TREES

Almonds, IXL (Soft Shell)—Nut very large, soft-shelled and smooth. Kernel large and plump. The best variety for planting in this section. 4-6 ft., each, **90c**; **\$8.50** per 10; **\$75.00** per 100. 3-4 ft., **75c**; **\$7.00** per 10; **\$60.00** per 100.

English Walnuts—4-6 ft., **\$1.75** each; 6-8 ft., **\$2.25** each.

QUINCE—Orange Quince—Large; roundish, with short neck; beautiful bright golden yellow; an old favorite for making jelly. 7-16—9-16 Caliper, **85c** each.

LUSCIOUS PEARS

Bartlett—Fruit large, clear yellow, highly flavored; very juicy. September.

Beurre D'Anjou—Large, of vinous flavor; one of the leading Autumn varieties.

Keiffer's Hybrid—Rarely ever blights. Fruit of fine size, rich color and good quality. Oct. and Nov.

Lincoln—A "peer" among pears, ripening in late Summer. Fruit averages about the size of Bartlett, a clear, beautiful, glossy yellow of superb quality. Trees long-lived, remarkably hardy, blight resistant. Very heavy cropper. Fruit should be thinned to obtain largest size.

Parrish Favorite—New beautiful large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights. Best Winter pear.

Seckel—Small, yellowish-brown, tender, juicy melting. Ripens August.

Winter Nellis—A good winter variety of medium size. Prices on all the above varieties are as follows—f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	75c	50c
Coml. Orchard	3 ft. up	7/16- 9/16	60c	45c
Mail Size	2 ft. up	5/16- 7/16	50c	40c
Extra Spec. Size.....	5 ft. up		\$1.00	75c

Write for quantity prices

PLUMS and PRUNES—The trees usually are planted about 20 feet apart, requiring 108 trees per acre.

Prices on all varieties of **Plums** and **Prunes**, f.o.b. Salt Lake City, are same as Pears; see above.

Burbank—Large, round, mottled red and yellow. July.

Bradshaw—Very popular market variety. Large purple.

Climax—Japanese variety. Fruit large, heart-shaped, cherry red; very attractive. Flesh juicy, sprightly, and delicious. Tree bears heavily at an early age; self-fertile. July.

Damson—Medium dark blue; flesh amber; good preserver

Duarte—A rich blood-fleshed plum, similar to Satsuma. Tests show this tree is hardier and more productive.

Elephant Heart—A huge, heart-shaped freestone plum; flesh blood-red. Luscious flavor. Early September.

Formosa—One of the best early Japanese plums. Fruit large and heart-shaped, becoming cherry red as it ripens, very attractive. Flesh sweet and of a delicious apricot flavor. Early July.

Green Gage—Fruit pale green, rich and juicy.

Hanska—Large, dark reddish purple freestone plum, flesh is yellow and exquisite apricot-plum flavor. Very hardy.

Jefferson—Fine, large, early red.

Opata—Medium size, freestone, purplish red plum, flesh green of pleasing spicy flavor. Very heavy and young bearer and very hardy. July.

Pacific—A large purple plum. Stands shipment well. Fruit freestone; flesh pale yellow, firm, and sweet.

Peach—Very large; brown-red; flesh pale yellow. Early July.

Pottawatamie—Excellent small plum for preserving.

Santa Rosa—One of the leading shipping plums. Fruit of good size, purplish red, very attractive. When fully ripe the flesh is reddish in color, juicy and delicious. Late July.

Sapa—Medium to large size, freestone, dark purple plum with purple flesh, full of rich juice of fine flavor. Ripens a few days after Opata. Generally bears next year after planting and bears very heavily.

Satsuma—A fine, large plum; purplish-crimson; pit exceedingly small. Delicious flavor. July.

Sugar—Dark reddish purple changing to purplish black. Skin thin, tender, separates readily. Flesh golden-yellow. Tender and sweet.

✕ **Sessions**—Damson type, medium dark blue, flesh amber. Good for preserves. Sure cropper.

Yakima—Very large, egg-shaped, red. Good shipper.

Improved French Prune—Is much larger than the old well-known brown French and superior in every way. Fruit red and sweet.

Italian-Fellemburg Prune—Large oval, dark purple; flesh greenish-yellow; separates freely from stone; best for drying on the market. August-September. Best commercial sort, "Italian" is on peach root.

P.-W.'s Special Bargain Collection No. 474

20 VIGOROUS FRUIT TREES

A well-selected fruit assortment containing eight different fruits—all of which should be on every home place that has room for them. Our selection of 2 Apricots, 3 Apples, 5 Peaches, 3 Pears, 2 Plums, 1 Prune, 3 Sweet Cherries and 1 Sour Cherry—specially priced while they last. Delivered to your railway station for.....

\$7.50

SWEET CHERRIES—Plant 30 feet apart; 49 per acre.

Bing—About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.

Lambert—This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart-shaped, firm flesh and a rich sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens July.

Black Tartarian—Large, purplish-black, sweet. Ripens first of July.

Napoleon—Very large, pale yellow, red cheek. June.

Windsor—Fruit large; heavy bearer; beautiful dark color. almost black.

SOUR CHERRIES—Plant 20 feet apart each way; 108 per acre.

May Duke—Fruit dark red; juicy and rich. June.

Montmorency—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

Prices on All Cherries—Sweet and Sour—f.o.b. Salt Lake City

	Height	Inches Caliper	Each	10- 40	40- 100
Home Orchard	4 ft. up	9/16-11/16	75c	50c	
Com'l Orchard	3 ft. up	7/16- 9/16	60c	45c	Write
Mail Size	2 ft. up	5/16- 7/16	50c	40c	for
Extra Special Size.....	5 ft. up		\$1.00	75c	Prices

Bing and Lambert require pollinizers. Plant Black Tartarian for this purpose. One to twenty should be planted well distributed.



Lambert Cherries

PEACHES—Plant 20'-25' each way; 70-108 per acre.

Alexander—Handsome, crimson. Ripens about July 4th. Freestone.

Crawford's Late—Ripens September. Otherwise same as Crawford's Early.

Elberta—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shipper. Freestone.

Early Elberta—About ten days earlier than regular Elberta, otherwise similar.

Golden Jubilee—Another new large yellow-fleshed freestone. Said to ripen three weeks before Elberta and to equal or exceed that variety as a market peach.

J. H. Hale—Large orange-yellow, considered by many superior to Elberta. Freestone.

Halehaven—Large reddish-yellow, a cross between J. H. Hale and South Haven, combining the good qualities of each. Ripens 17 days before Elberta.

Heath Cling—Large oblong, creamy white, rich and luscious; valuable canning peach.

Orange Cling—Very large; yellow with dark crimson cheek; flesh golden-yellow.

May Flower—The earliest peach on the market; red all over; flavor excellent. Freestone.

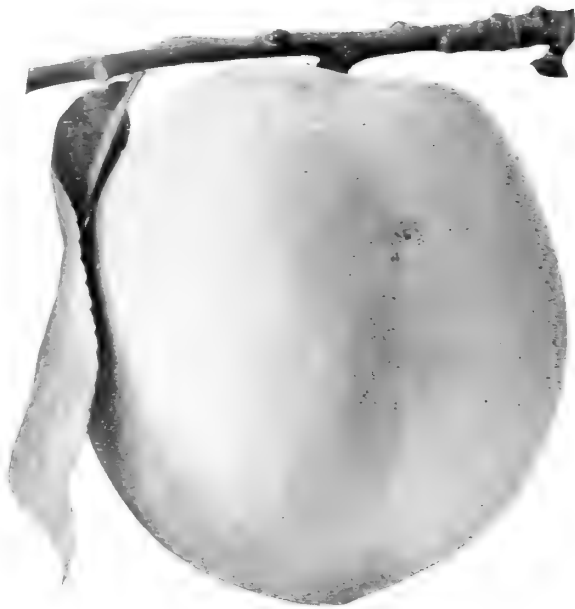
Red Bird Cling—The earliest of the large clings. Color creamy-white, overspread with red.

Rochester—It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, free-stone. Buds harder than most yellow fleshed peaches. Ripens over a long season.

South Haven—Early yellow-fleshed market peach. Fruit medium to large, deep yellow with red cheek, tree vigorous, productive, hardy. Two or three weeks before Elberta.

	Height	Inches Caliper	Each	10- 40	40- 100
Home Orchard	4 ft. up	9/16-11/16	75c	50c	
Com'l Orchard	3 ft. up	7/16- 9/16	60c	45c	Write
Mail Size	2 ft. up	5/16- 7/16	50c	40c	for
Extra Special Size.....	5 ft. up		\$1.00	75c	Prices

Prices on All of Above Peaches—f.o.b. Salt Lake City



J. H. Hale Peach

NEW REDELBERTA PEACH—A valuable new peach has been discovered—or rather an old favorite variety in new, greatly improved form.

This peach is identical with Elberta in tree and fruit except that the fruit ripens approximately ten days earlier than common Elberta and has fully double the red color of that variety.

Prices on Redelberta Peach (U. S. Plant Patent No. 232), f.o.b. Salt Lake City:

	Each	Dozen Lots	25 Lots	50 Lots	100 Lots
4-6 ft.	95c	75c	60c	50c	45c
3-4 ft.	85c	70c	55c	45c	40c
2-3 ft.					35c

500 tree lots, 5% discount from the per 100 prices
1,000 tree lots, 10% discount from the per 100 prices

NEW HOWARD FISHER PEACH

Hardy Early Yellow Freestone—We are growers and distributors for the Mountain States. Write for prices.

OFFER NO. 476

Luscious Peaches All the Season Through

- | | |
|------------------|---------------|
| 1 ROCHESTER | 1 EY. ELBERTA |
| 1 GOLDEN JUBILEE | 1 ELBERTA |
| 1 SOUTH HAVEN | 1 J. H. HALE |
| 1 ALEXANDER | 1 HEATH CLING |

8 trees in all, selected "mail size," (regular value \$3.50, exclusive of postage), all postpaid for

\$3.00

DWARF FRUIT TREES

A limited number are available this year. These are budded on root stock that produces a miniature tree, but fruit is same size and quality as the regular stock. Dwarf trees come into bearing earlier and are specially adapted to small yards or orchards where space is limited. This year we have only the **Red Astrachan** and **Red Delicious Apples** and the **Bartlett Pear** available in the Dwarf class. Either variety price, 2 to 3 ft. size, **90c** each; **\$3.50** per 10, postpaid.

GRAPES (Hardy American)

Agawam—Good red; large, tender, sweet. August.

Caco—Best hardy red grape. Large, juicy and delicious. **30c** each; 5 for **\$1.25**; 10 for **\$2.25**.

Campbell's Early—Black with light purple bloom; skin thin; rich and sweet.

Catawba—Wine grape; berries large, coppery-red color.

Concord—Deep purple. Most popular on the market.

Niagara—Greenish white; skin thin, sweet pulp.

Fredonia—Leading black grape. Ripens very early. Large, juicy, delicious; very productive and hardy. **30c** each; 5 for **\$1.25**; 10 for **\$2.25**.

GRAPES (European)—Must have winter protection or favored situation in Mountain States.

Black Malvoice—Berries large, oblong, reddish black, juicy.

Muscat—Large, light colored raisin and wine grape.

Flame Tokay—Large, sweet, red.

Thompson's Seedless—Popular seedless raisin grape.

Zinfandel—Well known black, sweet, and wine grape.

Prices, all Grapes except where noted, 2-year stock, each, **25c**; 10, **\$1.75**; 50, **\$5.50**; 100, **\$10.00**; 1000, **\$95.00**.

BLACKBERRIES

Price—Each, **15c**; 3 for **30c**; 50, **\$3.00**; 100, **\$5.00**; per 1000, **\$47.50**.

Early Harvest—Berries uniform, glossy black, very early.

Mersereau—Very productive, sweet, rich, coreless.

Lucretia Dewberries—Fruit very large, superb quality.

STRAWBERRIES—All strawberry plants will be sent either Parcel Post or Express, according to quantity. Put up uniformly in bunches, 25 plants each.

Marshall—As a large berry for home use, it is peerless.

The color is a rich, glossy crimson. 25 plants, **50c**; 100, **\$1.00**; 500, **\$4.00**; 1000, **\$7.50**.

P.-W.'s New Mammoth—P.-W.'s New Mammoth Everbearing Strawberry is superior in size, color, flavor and yield. Particular advantages in this new strawberry are that the vines are more dwarf, the berries ripen evenly, easier harvested, larger in size and firmer in texture. First ripe berries appear about a week earlier than Mastodon and continue to bear until snow flies. Price—25 plants, **75c**; 50, **\$1.25**; 100, **\$2.00**; 1000, **\$15.00**.

BOYSENBERRY—The Great-est Vine Berry Yet Developed —“From an acre of Boysenberries 11,500 lbs. were produced.” It has a distinctive luscious flavor of its own. The finest berry you have ever tasted either fresh, canned, in jams, jellies, or pie. For home garden, plant 6 feet apart each way. See cut. Price, **20c** each, postpaid. Not prepaid, 10, **\$1.00**; 100, **\$8.00**.

NEW THORNLESS BOYSENBERRY—Same size, flavor, and bearing qualities as the new Boysenberry described above, but it has the wonderful advantage of being entirely thornless, a very decided advantage. **30c** each; **\$2.50** per 10; 100, **\$20.00**.

Mastodon Everbearing—Large luscious deep red berries, juicy and sweet, from June until heavy frost. 25 plants, **50c**; 100, **\$1.25**; 500, **\$6.00**; 1000, **\$12.00**.

CURRENTS

Price—Large 2-year-old roots, each, **30c**; 10, **\$2.50**; 50, **\$8.00**; 100, **\$15.00**.

Fay's Prolific—Fruit large, bright red and good flavor.

Perfection—Large, bright red; most popular new variety.

Utah Black (Native)—Black, rich, fine for jelly.

GOOSEBERRIES

Price—2-year-old strong plants, each, **30c**; 10, **\$2.50**; 100, **\$18.00**.

Smith's Improved—Greenish red, good size, productive.

Oregon Champion—New red, medium size, good yielder.

P.-W.'s New White Smith—The largest and finest; light green, almost white. Equally good for home or market. Each, **35c**; 10, **\$3.00**; 100, **\$25.00**.

LOGANBERRIES—A hybrid between blackberry and raspberry. As large as largest blackberry and produces in large cluster. Each, **25c**; 10, **\$1.75**; 50, **\$6.00**; 100, **\$10.00**.

RASPBERRIES—Red Varieties

Cuthbert—One of the best large, dark reds; excellent flavor. Ea., **15c**; 10 for **\$1.00**; 50, **\$2.50**; 100, **\$4.00**.

Latham—This remarkable and very desirable new variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red. Each, **15c**; 10, **\$1.00**; 50, **\$3.00**; 100, **\$5.00**.

St. Regis—Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty. Each, **15c**; 10, **\$1.00**; 50, **\$3.00**; 100, **\$5.00**.

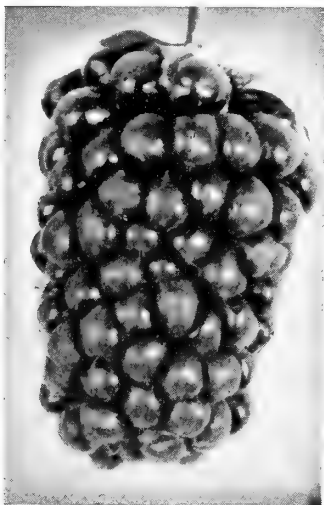
P.-W.'s Colossus Everbearing—The finest everbearing red raspberry to date. It is absolutely hardy and bears prolifically over a long period. Due to its rich brilliant color and remarkable size and flavor it will not only prove to be a delightful table berry, but it is perfect for canning and will be a money-maker for the commercial grower and a delightful new worthy type for the home garden. Price, **25c** each; 3 for **60c**; postpaid. Not prepaid, **15c** each; 10 for **\$1.20**; **\$3.50** per 100.

RASPBERRIES—“Black Caps”

Cumberland—Healthy, vigorous, throwing up stout, stocky, well-branched canes; immensely productive of large, firm fruits. Mid-season.

Prices—Each, **15c**; 10, **\$1.00**; 50, **\$3.50**; 100, **\$6.00**.

Columbian—Very large, somewhat conical; deep purple in color and borne in big clusters. Hybrid between Cuthbert and Cumberland “Black Caps.” Grows much larger and more vigorously than any other “Black Cap.” Price, **20c** each; 10, **\$1.25**; 100, **\$7.50**, not prepaid.



New Boysenberry

OFFER NO. 479

Home Orchard “Small Fruit” Collection

2 Currant, Perfection; 1 Gooseberry, P.-W.'s White Smith; 5 Cuthbert Raspberries; 5 P.-W.'s Colossus Raspberry; 5 Boysenberry; 1 Concord Grape. Regular value \$3.35,

\$2.50

all postpaid for.....



Strawberry, Marshall Type

FIELD CORN — Ensilage and Grain

Sow in drills 3 feet apart, using 15 to 40 pounds of seed per acre. When less grain and more bulk is desired, more seed may be planted to the acre, giving a greater amount of leaf and stalk but less ear corn.

Why Plant a Hybrid Corn?

Corn hybrids are superior to open pollinated corn because the controlled pollination practiced in the production of the seed enables the breeder or seedsmen to develop corn that excels in several ways:

1. Yield
2. Stiffness of Stalk
3. Uniformity
4. Resistant to Drought

The uniform maturity of corn hybrids is, we believe, of even greater value than the uniform height of stalk and ear.

It will be well to try more than one of the hybrids to prove the best for your conditions. When planting a hybrid for the first time, compare it directly in the same field with your favorite local corn. Write us for information and prices of other hybrids available.

U. S. HYBRID 52—Matures about the same time as Leaming. Plants are very tall and very lodge resistant. Ears are large, smooth, somewhat tapering, with 16 to 18 rows of medium depth grain. Adapted over a wide area and an excellent yielder. On good soils, it is a general all-purpose hybrid. U. S. 52 has given the best results in the experiments by the U. S. A. C. at Logan, Utah, with a large number of hybrid corn varieties. Bagged and sealed in bushels. 60 lbs. per sack. Price, **\$7.00** per bu., f.o.b. Salt Lake City.

STANDARD SEED CORN

Minnesota No. 13—The leading all-round open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early field corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

Pride of the North—A yellow dent, tall-growing kind, luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

Improved Leaming—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

King of the Earlies—A Yellow Dent corn which is very popular because of its earliness. It yields well although ears and grains are not large.

Silver King or Wisconsin No. 7—The best known White Dent variety. It is a creamy white with slightly rough kernels. The ears are well formed, 8 to 10 inches long, 16 to 20 rows on the cob. It is also a strong, leafy grower, with heavy foliage, making it ideal for the silo. An excellent yielder, producing from 80 to 90 bushels of dry corn per acre.

Boone County White—A medium late white variety, 100 to 110 days to maturity. Produces rank growth, ears 16 to 20 rows, kernel type about the same as Wisconsin No. 7. Equally good for grain or ensilage purposes.

Gold Mine—A Yellow Dent, medium rough corn with a good sized deep kernel and small cob. Matures in about 100 to 110 days and will yield from 70 to 80 bushels per acre.

Northwestern Dent (Red)—A corn between Minnesota No. 13 and King Phillip Flint. It is early and both frost and drought resistant, making it one of the kinds best adapted to the short seasons of the high foothills. It is a 75 to 90-day corn and yields 65 to 75 bushels of dry corn per acre.

Australian White Flint—One of the earliest White Flints. Bears large ears, averaging 12 rows, 10 to 14 inches in length. Stalks are of medium height. Produces well for both dry corn and fodder. Season about 75 days. Heaviest yielding of the Flints.

King Phillip Flint—An extra early red flint, growing stalks about 7 ft. tall, which produce a leafy foliage, making it very good for fodder. Ears grow 10 to 12 in. long and produce 8 rows of shining red corn. The corn when ripe is not as hard as ordinary flint corn. It matures in 75 to 80 days.

POP CORN—Same cultural directions as Sweet Corn.

Japanese Hullless Dwarf Rice—Very tender and almost hullless. Ears short and chunky. Heavy yielder. We regard this as the coming commercial variety, no husk when popped. Pkt., 10c; lb., 25c; 2 lbs., 35c; 10 lbs., \$1.50; postpaid.

Both Yellow Pearl and Black Pearl Pop Corn can be supplied. Same price as Japanese Hullless.

Write for quantity prices

Quantity Prices Transportation Not Prepaid

	10 to 25 lbs. per lb.	25 to 99 lbs. per lb.	Bag lots 100 lbs.
Australian White Flint .....	.06½	.06	\$5.25
Boone County White .....	.06	.05½	4.85
Gold Mine .....	.05½	.05	4.50
Improved Leaming .....	.05½	.05	4.50
King of the Earlies .....	.05½	.05	4.50
Minnesota No. 13 .....	.05½	.05	4.50
Northwestern Red Dent .....	.06	.05½	4.85
Pride of the North .....	.05½	.05	4.50
Silver King or Wisconsin No. 7 .....	.06	.05½	4.85
King Phillip Flint .....	.06½	.06	5.25



New Hybrid U. S. 52

FARM SEED—for Profitable Crops



A field of Rye

BARLEY

Trebi—Recommended for the irrigated lands of the Rocky Mountain area. It is a heavy yielder and good for feeding, and where grown under irrigation, it is acceptable by some brewers in this area.

Velvon—This new high yielding variety was released for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as a feed. Velvon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties.



Cyclone Seed Sower

A good large sower that meets the most exacting demands. Hangs by strap over shoulders of operator. Hopper-sack has 1½ bu. capacity. Broadcasts evenly all varieties of grain and grasses. Wt., 4 lbs.

Price—Each, \$2.50. If by mail, add 25c ex. for post.

OATS

Markton—Has proved a higher yielding variety than Swedish Select. In thirteen Utah Counties, it showed an average increase over Swedish Select of about 13%. It ripens a few days earlier, and its straw is of equal strength. The kernel is yellowish in color. It is highly resistant to or immune from the smuts of oats. Smaller kernel.

Swedish Select—This variety has long been the standard oat grown in this area. The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed.

Uton—This new variety was released for commercial growing in 1938. It is a cross between Swedish Select and Markton, having the white kernel of Swedish Select and the stiff straw and smut resistance of Markton. It is a high yielding variety, being well adapted to Western climatic and soil conditions.

SEED RYE—Spring Rye is an excellent soiler and can be produced on poor, worn-out land under dry conditions where other grains would fail. Makes early pasture and may be cut and cured for hay. When sown with vetch, its value for pasture and hay is greatly enhanced.

SPECIAL PRICE LISTS

From time to time we will be sending our customers special **Field Seed Lists** to correct changes in market prices. If you are not receiving them, please inform us.

SPRING WHEAT

Dicklow—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. It has outyielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour.

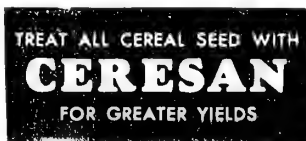
Federation—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. Federation is less subject to lodging than Dicklow. It has replaced almost all spring varieties in this area.

Prices on Grains

Transportation Not Prepaid

	Certified Stock		Uncertified Stock	
	1 bag	5 bag	1 bag	5 bag
BARLEY				
Trebi	\$2.10	\$2.00	\$1.85	\$1.75
Velvon	2.10	2.00	1.85	1.75
OATS				
Markton	2.35	2.25	2.10	2.00
Swedish Select	2.35	2.25	2.10	2.00
Uton	2.35	2.25	2.10	2.00
WHEAT				
Dicklow	2.35	2.25	2.10	2.00
Federation	2.35	2.25	2.10	2.00
RYE				
Spring			2.10	2.00

We offer New Improved Ceresan treated seed at 15c per 100 lbs. higher than the above prices. Use **Ceresan Treatment** on all grain subject to smut. See page 35.



About Prices

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A field of Swedish Select Oats

CANADIAN FIELD PEAS—They enrich the soil and are splendid stock feed. For hay, they should be cut while the nutrient in milk is in the vine forming the pod; cure the hay. Plant early in the Spring at the rate of 100-120 lbs. per acre or 60 lbs. with a nurser crop of Oats or Spring Rye.

FOXTAIL MILLET—Many farmers are now growing this type of Millet regularly as a hay crop.

German or Golden—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

PROSO OR HOG MILLETS—This type of Millet is early maturing; the seed is used chiefly for bird seed, poultry and stock feed.

Early Fortune—This seed is of a shiny reddish brown. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing.

Proso—"The dry land Wonder Grain." The most profitable catch crop. Matures in 60 days. Can be planted later and will stand more drought than any other grain. It makes an ideal feed for poultry, hogs, cattle, and sheep. May be fed without threshing. Proso straw makes good grain for Winter feeding. Grows anywhere, in wet or dry weather, and on all kinds of soil. Sow 20 to 30 lbs. per acre.

SOY BEANS

Mancho—It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. Excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre. Mancho is a robust grower of vines which stand up well and are easily cut with corn or grain binder. This variety matures in about 100 days. The beans are yellow and of medium size.

Black Ebony—An excellent summer catch crop and good soil builder. When mixed with corn makes a good ensilage. Sow 25 to 100 lbs. per acre depending on method of seeding, use of crop and soil conditions.

SUNFLOWER—A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Plant close in drills, 4 to 5 inches apart and rows 30 to 42 inches apart. Cultivate and handle similar to corn. Plant 500 to 600 lbs. per acre.

SUDAN GRASS—Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the Summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

DRY LAND GRAIN SORGHUMS—Grain Sorghums are non-saccharine. They range in height from 3 to 6 feet and are more draught resistant than sweet sorghums. Stalks are dry and pithy and have low feeding value. 4 to 6 pounds are sown on dry land and 8 pounds on irrigated in rows. 50 to 60 pounds broadcast or drilled.

Double Dwarf Milo—Is very dwarf, about 2½ ft. tall and is harvested in the same manner as heading grain. Average yields bring 2 ton per acre.

Hegari—120 days. 4 to 5 ft. tall, is a grain sorghum resembling Kafir and Atlas sorgo. Under favorable conditions, Hegari makes an excellent grain crop and forage that is relished by livestock. Leaves are broad, long, and numerous. The stalks fairly sweet and reasonably juicy, containing a much higher saccharine content than Milo and Kafir.

60 Day Milo—Is a Sorghum similar to Kafir Corn. Grows erect with thick, close-jointed stalks 4 to 9 ft. tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

SWEET SORGHUMS—The Sweet Sorghums or cane are generally grown for making hay or forage. The stalks contain sweet juices and are very leafy. Sorghum forage has high feeding value. Plant same amounts per acre as for grain.

Black Amber Cane—80 to 100 days. Is the best known Sorgo and in many sections is the favorite because it is the earliest.

Atlas Sorgo—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.

VETCH—Vetches, either green or as hay, makes excellent feed and are also used extensively as clover and green manure crops. Seed may be broadcast or drilled in the early spring, using 60 to 80 lbs. per acre. One of the best annual legumes.

Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively by orchardists as a cover and green manure crop.

PEANUTS—Spanish—This variety is the best suited for growing in the North, being earlier. 35 to 40 pounds of unshelled peanuts will plant an acre.

RAPE—Dwarf Essex—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is a need and a place for an extra thick growing green forage crop for use any time during the Fall, Winter, and Spring, and our Dwarf Essex Rape fills that need exactly. Rape can never become a pest.

Prices

Transportation Not Prepaid—f.o.b. Salt Lake City

Market fluctuates rapidly— correspondence solicited.	10-24 lbs.	25-99 lbs.	Bag Lots 100 lbs.
	per lb.	per lb.	
Canadian Field Peas .....	.08	.07	6.50
German Millet .....	.07	.06	5.00
Early Fortune Millet .....	.07	.06	5.00
Proso .....	.08	.06½	5.25
Dwarf Essex Rape .....	.16	Ask for Prices	
Sudan Grass .....	.08	.07½	6.50
Peanuts .....	.23	.22	20.00
Sunflower .....	.11	.10	9.00
Common Spring Vetch .....	.10	.09	7.50
Double Dwarf Milo .....	.07	.06	5.00
Hegari .....	.07	.06	5.00
60 Day Milo07	.06	5.00
Atlas Sorgo09	.08	7.00
Black Amber Cane09	.08	7.00

About Prices

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Ask for P-W's Free Bulletin on Farm and Field Seeds. It contains useful information and cultural hints.



A Field of Sudan Grass

ALFALFA (LUCERNE) Wonder Crop of the West



Crop of Alfalfa Hay

Why Alfalfa Pays Best of All Crops

1. Alfalfa is easier to start than clover.
2. It withstands drought because of its long penetrating roots.
3. It is the most nutritious hay for livestock.
4. It makes dairying pay better.
5. It also makes good green feed for poultry.
6. It is the best of all soil builders.
7. It exterminates weeds by crowding them out.
8. Good alfalfa seed brings a good price.
9. It is a good hog pasture.

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

1898—FORTY THREE YEARS OF SERVICE—1941

When ordering, Always state name of seed.

ALFALFA, all Clovers

Size	Retail
½ bu. each...	\$.30
1 bu. each...	.50
2½ bu. each...	1.00

PEAS (All Varieties) VETCHES (All Varieties)

½ bu. each...	.25
1 bu. each...	.35
1½ bu. each...	.55
5 bu. each...	1.50
12½ bu. each...	3.60

BEANS String, Wax, Kidney

½ bu. each...	.25
1 bu. each...	.35
5 bu. each...	1.50

LESPEDEZA

Size	Retail
Small (Inoculates up to 50 lb. seed) .....	.45
Large (Inoculates up to 100 lb. seed) ....	.65

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small, (Inoculates up to 120 lb. seed) \$	.30
*5 bu. each ....	.58
25 bu. each	2.60
(One can)	
*30 bu. each	3.45
(6-5 bu. cans)	

GARDEN SIZE Garden Peas & Beans Sweet Peas & Lupines

Enough for 6 lbs. seed
Retail Price 10c each

*The 30 bu. size as listed above is a carton which contains six 5 bu. size cans.

Add
vigor
and
increase
yields to
your
crops
and soil
fertility
by use
of
Nitragin.
It will
pay
handsome
dividends.

GRIMM ALFALFA—This variety is especially recommended for shallow soils or those underlaid with hardpan. The claim made for it is that in addition to extreme hardiness it has spreading roots instead of a single tap-root and that it makes underground creeping stems. It resists cold weather and does not heave. Sow 10-15 pounds per acre.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Bagged under seal in 30-60-120 lb. lots only.

Non-Certified Grade—We make a point of offering only the highest grade seed. Sample or analysis sent on request.

HARDY DESERT ALFALFA—This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." It will live and thrive in the most trying arid situations where all others fail. Its roots pierce the soil until moisture is reached, even a depth of twenty or thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. For dairy, poultry or stock feed, it is unexcelled. Very desirable also as a rotate crop since it supplies the much-needed nitrogen and humus. Sow 10 to 15 lbs. per acre. We offer the following grades:

Hardy Desert Alfalfa or Extra Fancy—Unusually bright color, with a purity of approximately 99.50% or better and high germination.

Hardy Desert Alfalfa, Fancy—Seed of 99% purity and high germination. Good color, sound plump seed.

Hardy Desert Alfalfa, Choice—Seed of a good commercial grade. Purity approximately 98.50%.

LADAK ALFALFA—Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardiness. It has also shown more resistance to bacterial wilt and aphid attack than any other commercial variety. Ladak makes an exceptionally heavy first and second crop but little third. Because of the heavy first cutting, however, total seasonal yield of Ladak is often in excess of that of other varieties. It is ideal for high elevation valleys of the Rocky Mountain area because summer frosts which retard growth of other varieties leave it untouched. When fall comes, it tends to go dormant. This, no doubt, adds to its long life and accounts for its winter hardiness.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Bagged under seal in 30-60-120 lb. lots only.

UTAH PIONEER ALFALFA—Placed under certification in 1938 under recommendation of the State Experiment Station. It was selected from two parent fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

SWEET CLOVER

White Blossom (*Melilotus Alba*)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow 10 to 14 lbs. per acre. It is often used for a green manure crop because of its quick prolific growth.

Yellow Blossom (*Melilotus Officialis*)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.

Alfalfa-Sweet Clover Seed Prices

Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.

Prices are quoted f.o.b. Salt Lake City.	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
ALFALFA			
Grimm, Blue Tag .....	.29	.28	27.00
Grimm, Non-Certified .....	.24	.23	22.00
Hardy Desert, Extra Fancy .....	.22	.21	20.00
Hardy Desert, Fancy .....	.21	.20	19.00
Hardy Desert, Choice .....	.19	.18	17.00
Ladak, Blue Tag .....	.37	.36	35.00
Utah Pioneer, Blue Tag .....	.29	.28	27.00
SWEET CLOVER			
White Blossom .....	.10	.09	8.50
Yellow Blossom .....	.10½	.09½	9.00

Ask for P.W.'s Free Bulletin on Farm and Forage Seeds

This contains authentic, dependable information on the value and adaptability of the various Farm and Range Clovers and Grasses, together with the planting and cultural directions.

CLOVERS For Meadows and Pastures

Alsike—Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as for a hay crop by itself. It does not Winter-kill. The use of Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient. Does best on damp soils—used in pasture mixtures with grasses.

Ladino Clover—This is a recent introduction from Europe and has proved to be a remarkable discovery as a green feed for poultry, as well as livestock. It yields far more and withstands frost much better than alfalfa. Each plant sends out runners about 12 in. long and each joint makes a new root. It can be cut continuously throughout the entire year and makes excellent pasturage. It should be planted where water is available as it does not do well in dry situations. Sow 7-8 pounds per acre. Excellent feed when sown alone or in mixtures for pasture.

Hubam Clover—This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop or for green manure. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

Medium Red (Trifolium Pratense)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or Fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop. Is replacing alfalfa in heavy wilt-infested areas.

White Dutch Clover—Is a long-lived perennial legume, spreading by creeping stems that root at the nodes. When grown in mixtures with grass, it increases the carrying capacity of the pasture and provides a nutritious acid palatable feed. White Clover, like all other clovers, thrives best under cool moist growing conditions. It normally grows in association with grass. Even when this clover is seeded alone, grass soon encroaches and makes a luxuriant growth, indicating that the presence of clover is ideal for grass growth.

Strawberry Clover—Tall variety. It is similar to Ladino but has proved to be much hardier. The flower resembles White Dutch Clover but is pink. The foliage is similar to White Dutch but has creeping runners, strawberry fashion, and establishes new plants wherever the nodes contact the soil.

It has proved particularly adaptable to alkaline and wet soils. One government station has reported that Strawberry Clover will do well on acid soils as well as tide lands. Several observations have been made of this clover growing in fields of salt grass pasture. There are two types—the short and the tall. While either is satisfactory for pasture, the tall variety has proved easier to harvest for seed and is the heavier producer and, consequently, we believe it to be preferred. It is much in demand as a pasture crop because of its palatability and adaptability to alkaline soils. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow at the rate of 4-6 pounds per acre.

P.-W.'s GRASS AND CLOVER SEED MIXTURES—

For permanent meadows, pastures, marginal and range lands. Our well-balanced mixtures are made up of a number of native and acclimated grasses and clovers, blended in such a way as to best suit the climatic and soil conditions found in our intermountain regions.

Clover Seed Prices

Transportation Not Prepaid

Prices fluctuate rapidly— correspondence solicited	1-9		10-24		25-99		Bag Lots 100 lbs.
	lbs.	per lb.	lbs.	per lb.	lbs.	per lb.	
Alsike—Fancy Grade	.21		.20		.19		18.00
Ladino—Fancy Grade	.78		.77		.76		75.00
Hubam—Fancy Grade	.22		.21		.20		18.50
Med. Red—Fancy Grade	.17		.16		.15		14.00
Strawberry (Tall)— Fancy Grade	.83		.82		.81		80.00
White Dutch—Fancy Grade—Supply limited.							(Write for prices.)



Field of Alsike Clover

PASTURE MIXTURES FOR VARIOUS CONDITIONS IN MOUNTAIN STATES

No. I. For good well-drained irrigated land.

	Amount
Smooth Brome grass.....	4 lbs.
Orchard grass.....	3
Meadow Fescue.....	4
Perennial rye-grass.....	3
Kentucky blue-grass.....	4
White clover.....	3
Alsike clover.....	2
Total.....	23 lbs.

No. II. For damp fertile soils.

	Amount
Red top.....	3 lbs.
Meadow fescue.....	4
Perennial rye-grass.....	4
White clover.....	2
Alsike clover.....	4
Kentucky blue-grass.....	3
Total.....	20 lbs.

No. III. For damp, slightly alkali soils.

	Amount
Perennial rye-grass.....	3 lbs.
Meadow fescue.....	4
Orchard grass.....	4
White Dutch clover.....	2
Red clover.....	3
Yellow sweet clover.....	3
Smooth brome grass.....	3
Total.....	22 lbs.

No. IV. For wet alkali soils.

	Amount
Perennial rye-grass.....	3 lbs.
Strawberry clover.....	2
Reed canary grass.....	3
White sweet clover.....	3
Meadow fescue.....	3
Smooth brome grass.....	3
Total.....	17 lbs.

No. V. For bench land with irrigation water.

	Amount
Smooth brome grass.....	4 lbs.
Orchard grass.....	3
Kentucky blue-grass.....	5
White Dutch clover.....	2
Alsike clover.....	2
Yellow sweet clover.....	2
Alfalfa.....	2
Total.....	20 lbs.

No. VI. For dry farms (Singly or in combination)

	Amount
Slender wheat.....	4 lbs.
Crested wheat.....	4
Western wheat.....	5
Total.....	13 lbs.

Sweet Clover.....	8-10 lbs.
Alfalfa.....	8-10 lbs.

The following precautions should be taken to insure a good productive pasture:

1. Use only clean seed with high germination. All seed should be tagged, showing varietal name, purity, germination, and lists of weed seeds, if any are present.
2. Fall plow land and work down in spring in firm moist condition.
3. Seed the above mixtures to a depth of 1/2 to 3/4 inch with drill.
4. It is safer to not use a nurse crop. If one is used, make it barley at 1/2 the usual rate.
5. Keep young plants well irrigated.
6. Do not graze the first year until mid-July or later.
7. Divide pasture into 2 or more fields and rotate grazing.
8. Apply phosphates at seeding time and every year thereafter. (About 100 lbs. treble superphosphate per acre.) Add manure if available.
9. Clip to kill weeds.
10. Drag to spread droppings.
11. Avoid over-grazing.

About Prices of Pasture Mixtures

The prices of each variety will be found on the page describing it.

We suggest the buyer order his seeds for mixtures bagged separately. This enables you to see the fine quality of each variety. "HIGH QUALITY AT FAIR PRICES" is guaranteed.

GRASS SEED for Range, Meadow and Pasture

Our stocks are critically grown, of highest germination and purity. Prices fluctuate. Write for prices.



Bromus Inermis (Awnless Brome)

BROME GRASS (*Bromus inermis*)—Also called Awnless or Smooth Brome. It has met with high favor as a grass for the drier farming regions of the West. The best growth is made on clay or clay loams, but it succeeds fairly well in sandy soil. It is higher in palatability than any other dry land grass and withstands drought conditions exceptionally well. Brome is sown either in the Fall or Spring on well-prepared land, using 10 to 20 lbs. of seed per acre. The yield of hay the first year is usually small, good the second, and best the third. The yield of hay ranges from 1½ to 3½ tons per acre. Where the higher yields are secured, two cuttings are made in a season. Brome Grass is excellent for pasture, being one of the most palatable of all grasses. It is really more valuable thus used than for hay.

Prices

In comparing prices, be sure to compare the analysis and germination also	10-24	25-99	Bag Lots 100 lbs.
	lbs. per lb.	lbs. per lb.	
Crested Wheat Grass—"Fairway".....	.18	.17	16.00
Crested Wheat Grass—"Standard".....	.18	.17	16.00
Brome Grass.....	.20	.19	18.00
Mountain Brome.....	.25	.24	23.00
Poa Bulbosa (B. Blue).....	.26	.25	24.00

If by mail, add postage at Zone Rates

MOUNTAIN BROME (*Bromus Marginatus*)—Is a stout perennial bunchgrass, very common between the altitudes of about 5,000 and 10,000 feet. It has a very wide range of soil adaptations, varying from fairly moist loamy soils, where the best growth is made, to fairly dry, gravelly soils. Mountain Brome grass, when young, is grazed closely by all classes of livestock. Where it can be cut for hay, it makes a very fine feed for horses and cattle.

POA BULBOSA (Bulbous Bluegrass)—A perennial grass which is one of the earliest available for pasturage. It makes excellent pasture either alone or when sown with alfalfa. It is often used to thicken up thin alfalfa stands, and when cut before it is too old, makes an excellent hay. This grass is relished by all kinds of livestock and has proven to be a very valuable feed for range cattle, sheep, horses, and other livestock.

CRESTED WHEAT GRASS (*Agropyron cristatum*)—It is a wonderful ranch and range grass which grows earlier in the Spring and later in the Fall because of its ability to grow at lower temperatures. As a hay crop, it is very highly nutritious and palatable, stands well under grazing and as a seed crop yields average from 200 to 500 pounds per acre under dry land conditions. It has made a most remarkable showing under dry, arid conditions, succeeding where many other varieties fail in a dry situation and cold temperatures. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soil types.

For hay and pasture, sow 10 pounds per acre. As a seed crop, sow in 6-inch drills or in rows 3 ft. apart; requires only 4-5 pounds of seed per acre.

Fairway Strain—Produces finer and more leaves than the "Standard Strain," and the total tonnage per acre is not greatly less. It is adaptable to such uses as fairways, school yards, parks, farm lawns, and areas where water is not readily available.

Standard Strain—This is the parent strain, taller than "Fairway," and the one most generally used in range rehabilitation, succeeding well under dry and arid conditions—a marvelous grass for the West.



Crested Wheat Grass

Reproduced for U. S. D. A. Tech. Bul. 307

GRASS SEED — For Range, Meadow and Pasture (Continued)

Chewing Fescue—This grass grows exceedingly well on soils of a sandy nature, and is now recognized as one of the leading grasses for putting greens. Recent experiments show it is one of the best alpine grasses we have. Does very well alone or in a mixture with clovers or other grasses.

Kentucky Blue Grass—One of the best grasses for pasture and lawns. It starts to grow very early and remains green late in the Fall. It does well on either high, dry land, or places that are quite moist. We sell only seed of the highest quality. Sow 30 pounds per acre. For lawn purposes see grades offered on page 78.

Meadow Fescue—Is excellent for pasturage planted alone or in combination with other grasses and clovers. It is a tufted, deep-rooted, long-lived perennial. Thrives on a wide range of soil conditions, adapting itself to both wet or dry soils. Sow 10 to 15 pounds for seed production and 20 to 30 pounds for forage. Withstands alkali very well.

Orchard Grass (*Dactylis glomerata*)—This is a very early pasture grass, furnishing feed at least three weeks before most other grasses. If used for hay, more than one cutting per season can be secured. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy; well suited for shaded places such as in orchards or groves. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

Perennial Rye Grass—This is a desirable grass for pasture when used alone or in a mixture with other grasses and clovers as it forms a heavy close sod and grows up quickly after being eaten or cut off. Good for hay if cut when in bloom and affords good pasture after hay is cut. Sow 25 to 30 pounds per acre.

Reed Canary Grass (*Phalaris arundinacea*)—This is a valuable high-yielding forage plant which is naturally adapted to grow on low, wet lands. As a permanent source of high quality hay and good pasturage, this crop is a valuable contribution to many farms in our state. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such a practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre broadcast and in drill. 2 to 3 pounds per acre in 16 to 18 inch rows.

Red Top—A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

Slender Wheat Grass (*Agropyron pauciflorum*)—A great boon for the cattle and sheep men. It grows in very dry arid sections and produces wonderful forage for cattle and sheep. It is a bunch-forming variety, and therefore would be more adaptable to range than to meadows. Very adaptable for pasture in canyons or flats.

Tall Meadow Oat Grass—Is a long-lived, deep-rooted perennial bunch grass, fairly drought-resistant and produces an abundance of forage early in the spring. The forage is somewhat coarse and less palatable than most other grasses listed here, but it is easily started and holds much promise as a pasture grass on our arid lands.

Timothy—Of hay grasses Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

ABOUT PRICES—Since the market changes rapidly on Field seeds, the prices quoted herein are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if an advance, you will be notified for your confirmation before shipment.



Reed Canary Grass

Western Alkali Grass—This grass will make your alkali lands productive. We have reports of growers stating it has produced, on alkali ground that would produce no other crop yields, as large as Timothy produced on first class Timothy land. It will stand an unlimited amount of water in the spring and has successfully resisted severe drought. Seeding can be made beginning in September and continuing as long as snow covers the ground in the spring. Sow 2 pounds per acre for meadow or pasture.

Western Wheat Grass or Blue Stem (*Agropyron smithii*)—This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm, solid turf even where moisture is very limited. Its heavy spreading root system makes it valuable for erosion control and its foliage for grazing purposes. Sow 12 to 15 pounds per acre.

Grass Seed Prices Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.	1-9 lbs. per lb.	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Chewing Fescue .....	.65	.64	.63	62.00
Kentucky Blue—Meadow Grade.....	.27	.26	.25	24.00
Perennial Rye Grass—Fancy.....	.20	.19	.18	17.00
Meadow Fescue—Fancy.....	.21	.20	.19	18.00
Orchard Grass—Fancy Grade.....	.30	.29	.28	30.00
Reed Canary Grass—Fancy.....	.30	.29	.28	24.00
Red Top—Extra Fancy.....	.23	.22	.21	16.00
Slender Wheat .....	.22	.21	.20	20.00
Tall Meadow Oat .....	.31	.30	.29	32.00
Timothy .....	.12	.11	.10	9.00
Western Alkali .....	.63	.62	.61	60.00
Western Wheat .....	.29	.28	.27	26.00



Sales office and entrance to Centerville Display Gardens

It Pays To Plant
P.-W.'s "Mountain Grown"
SEEDS - SHRUBS - TREES



A section of "Seed Trials" at Centerville Display Gardens

OGDEN

YOU ARE INVITED

— To Visit Our
**Centerville Display
Gardens, Trial Grounds,
Plant, Shrub, and Tree
Nurseries.**

Thousands of comparative tests are made here annually in order to determine real values and those best suited for the Mountain States and similar areas.

Your visit will, therefore, not only be most enjoyable but informational as well, giving you the necessary facts so that you can make proper selection for your own planting materials, whether it be Seeds, Bulbs, Plants, Roses, Shrubs or Trees.

**COME SOON AND
OFTEN
NO OBLIGATION
ALWAYS WELCOME**

**P.-W.'S NURSERY
& DISPLAY
GARDENS**

PORTER
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Partial view of Evergreen
Nurseries at Centerville

Handy Subject Index

It's easy to find what you wish. For instance, you want something in Flower Seed—say Petunias. Look under this Index, you find Flower Seeds are on pages 18-32. Being alphabetically arranged, you easily discover Petunias are on page 25.

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WRITE FOR INFORMATION AND PRICE LIST

Baby Chicks, Birds, Cages, Pet Stock Supplies, Dog Foods, Collars, Remedies as well as a full line of Garden Tools and Accessories. All these stocks are very complete at our Salt Lake City Store, where you can always secure "what you want, when you want it." Prompt mail order service. Your correspondence invited.

Special Service Facilities for Motor Customers

Drive to either our CENTERVILLE Nurseries and Display Gardens (see page opposite), or to our City Sales Yard and Storage Warehouses at 522-536 South 3rd West, Salt Lake City (see below). Plenty of Free Parking Space, and Courteous, Experienced Sales Staff to help you solve your Garden Problems.

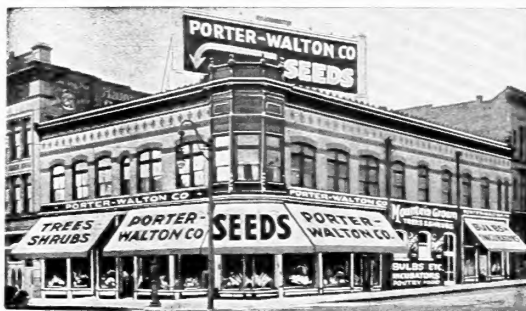
FAIR DEALING AND RELIABILITY

Thirty-six years of fair dealing and the largest source of supply in the Mountain States is back of every order from us. You are as near to us as your post office or express station. If you are dissatisfied in any way with the results with our seeds, you have only to tell us and we will authorize you to select from our catalogue whatever you wish for an equitable adjustment. But in no case shall it be for more than the amount actually paid us for the item in question. Reference is given to any Bank or Commercial Agency, as to our financial responsibility.

We can assume no liability for the crop—as we cannot control the weather, soils, moisture, pests and other agents which make for success or failure. We sell, therefore, subject to the following disclaimer: "The seller gives no warranty, express or implied, as to description (including kind, variety and name), quality, productiveness or any other matter of any seeds or plants it sends out and will in no way be responsible for crop.—P.-W. Co.

About Warranty and Guarantee on Nursery Stock

We warrant stock true to name as labeled, to the extent only that if any should prove otherwise, we will replace free or refund purchase price; also we guarantee delivery in good and proper transplanting condition. Any claims for error, damage, or omission must be made immediately upon receipt of shipment, and proper adjustment will be made promptly. Responsibility rests with all customers to examine carefully upon arrival as we can assume no liability for failure to grow after nursery stock has been accepted and planted.



Above—General Office and City Store, corner Richards Street and First South.



For complete Nursery and Seed lines, drive to 522-536 South 3rd West, shown above.



The above shows the quick development of P.-W.'s Velvet Green Mixture. The photograph was taken at our Centerville Display Gardens, just six weeks after the seed was sown.

GRASSES MOST SUITABLE FOR LAWNS

Velvet Green Lawn Mixture—We are especially proud of our Velvet Lawn Mixture. It is composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for lawns. These famous mixtures contain White Dutch clover in different proportions, as follows:

A. Formula (contains 15% clover). Lb., 60c; 3 lbs., \$1.65, postpaid. Not prepaid, lb., 55c; 10 lbs., \$5.00.

B. Formula (contains 5% clover). Lbs., 50c; 3 lbs., \$1.40, postpaid. Not prepaid, lb., 45c; 10 lbs., \$4.00.

Shady Nook Mixture—Few grasses thrive in heavily shaded areas. We have put into this mixture those kinds suited to such conditions. With proper care, such as regular feeding and watering, it will grow and make a good sod. Lb., 80c, postpaid. Not prepaid, lb., 70c; 10 lbs., \$6.50.

Special Bent Mixture—With this mixture you can have a putting green on your own lawn, equal to the best golf greens and there will no trouble from dandelions and other weeds. Lb., 80c; 10 lbs., \$7.50, postpaid. Not prepaid, lb., 70c; 10 lbs., \$6.50.

P.-W.'s Special Athletic Field Mixture—Composed of sturdy grasses that stand severe wear and tramping. 5 lbs., \$1.75; 10 lbs., \$3.25, postpaid.

White Dutch Clover for Lawns—It is the chief clover in grass mixtures and makes a valuable constituent of lawns. Gardeners who prefer extra heavy growth of clover should add 4 oz. to each 2 lbs. of grass. Lb., \$1.05; 3 lbs., \$3.00, postpaid. Not prepaid, lb., \$1.00.

"High Cost of Low Cost"

The picture at right was taken of a sample of seed termed a "Lawn Mixture." An analysis by the Massachusetts Agricultural College determined that the good seed present cost \$2.67 per pound.

It is astonishing that such a mixture could be sold to the public, but unfortunately there are many cases where the purchaser thinks such is a bargain because of low price, where actually the cost is high in the extreme.

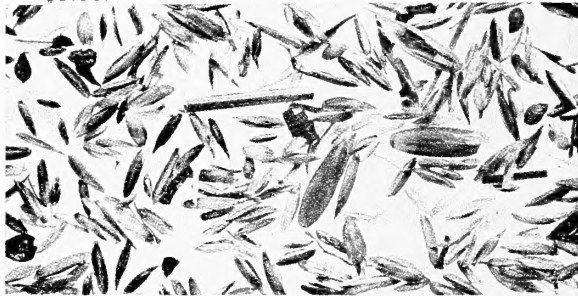
Chewings Fescue forms a fine-leaved, mat-like sod which withstands hard wear and extreme drought. Well adapted to dry, sandy soils and shaded places. Will do well on all soils. Lb., 85c; 3 lbs., \$2.40, postpaid. Not prepaid, lb., 75c; 10 lbs., \$7.00.

Creeping Bent Grass (Blue Tag Certified Grade). Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod of beautiful dark green color and stands quite close mowing. Lb., \$1.10; 3 lbs., \$3.20, postpaid. Not prepaid, lb., \$1.00; 10 lbs., \$9.50.

Kentucky Blue Grass is the "backbone" of fine lawn mixtures. It does well on most types of soils. It is aggressive and spreads rapidly, making a sod of fine texture and beautiful green color. Lb., 45c; 3 lbs., \$1.25, postpaid. Not prepaid, lb., 40c; 10 lbs., \$3.75.

Poa Trivialis is especially adapted for shady places under trees. Grows to perfection on moist, rich soils and especially sandy soil. Lb., 80c; 3 lbs., \$2.40, postpaid. Not prepaid, lb., 75c; 10 lbs., \$7.00.

Red Top Grass (Heavy solid seed). A rapid-growing, fine-blade grass used universally with Kentucky Blue Grass. It does well on almost any soil, withstanding drought and thriving under moist conditions. Lb., 40c; 3 lbs., \$1.10, postpaid. Not prepaid, lb., 35c; 10 lbs., \$3.00.



"A Lawn Mixture" ? ?

(Courtesy of Mass. A. C.)



P.-W.'s Bargain Rose Offer No. 265

Thrift Collection of 5 Guaranteed Everbloomers

1 each of P.-W.'s Scarlet Crimson, P.-W.'s Golden Yellow, P.-W.'s Pink, P.-W.'s Multi-Toned and P.-W.'s Two-Toned Copper and Gold. While they are not the No. 1 top size shrubs we offer on pages 38-45, yet they are healthy, hardy, vigorous, field-grown stock, and are a marvelous value at the extremely low price listed here. Just think, one each of the 5 Roses described above prepaid to your Postoffice for only.....

\$1.25

Plant "FIRETHORN"
for a gorgeous mass of Fall
and Winter Beauty

Here is a Broad-Leaved Evergreen
just made for the semi-arid areas
of the West. It resists
drouth, wind and cold, except in
extreme localities.

Plant "Firethorn" Plentifully

A GROUP PLANTING OF
COLORFUL
"FIRETHORN"
(Pyracantha coccinea)

The leaf of a broad-leaved evergreen, green to age through the year with white flowers in the Spring followed by gorgeous red-orange berries in Fall and Winter.

12" to 15" in pots, 16 lbs. each. We have open shrubs balled and burlapped 15" to 18" in pots, 24 lbs. each.

35 lbs.	\$1.25	18" to 24" in pots, 35 lbs.	\$1.95
24 lbs.	\$1.25	24" to 30" in pots, 45 lbs.	\$2.50
30 lbs.	\$1.95	30" to 36" in pots, 55 lbs.	\$2.90
36 lbs.	\$2.50	36" to 42" in pots, 65 lbs.	\$3.40
42 lbs.	\$2.90	42" to 48" in pots, 75 lbs.	\$3.90

(The regular price of oranges extra)

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P.-W.'s GIANT PANSY SEED

Above are typical blooms reduced from the actual size of 4-5 inches in diameter. This grand mixture includes the richest reds, coppers, and bronzes, together with the most delicate rose-pink, blue, and violet shadings.

Pkt. 25c, 5 for \$1.00.

P.-W.'s GIANT PANSY PLANTS

Grown with the utmost care from the world's best mixture, it is not putting it too strong when we say, "Positively, there are none better." First bloom about April 1. Prices, large plants in bloom, packed in baskets of 1 dozen, **50c each; 8 baskets, \$3.00.**

Add 20c per basket for transportation charges.

PORTER-WALTON CO.

The Home of "Mountain Grown" Seeds, Shrubs, Trees

SALT LAKE CITY, UTAH